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Occupational projections are produced every two years and are published in July of even numbered years.

Occupations are classified using the Standard Occupational Classification (SOC) system. Major occupation groups are at the two digit SOC level, while detailed c

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Long-Term Occupational Projections for Northwest Region

Major Occupation Group Information

Occupation		2020	2030	2020	-2030		2020) Wages		Annual Openings			
_		Estimated	Projected	Net	Percent								
SOC Code	Title	Employment	Employment	Change	Change	Entry	Mean	Median	Experienced	Exits	Transfers	Growth	Total
00-0000	Total, All Occupations	99,916	100,710	794	0.8%	\$25,392	\$42,808	\$35,189	\$49,807	4,396	6,707	79	11,182
11-0000	Management Occupations	6,160	6,157	-3	-0.1%	\$55,464	\$92,629	\$80,025	\$112,085	215	299	0	514
13-0000	Business and Financial Operations Occupations	3,660	3,699	39	1.1%	\$43,284	\$62,100	\$56,409	\$74,696	96	211	4	311
15-0000	Computer and Mathematical Occupations	984	1,030	46	4.7%	\$46,087	\$64,418	\$62,012	\$79,898	20	50	5	75
17-0000	Architecture and Engineering Occupations	668	748	80	12.0%	\$50,969	\$68,846	\$68,664	\$81,350	18	35	8	61
19-0000	Life, Physical, and Social Science Occupations	495	515	20	4.0%	\$44,193	\$62,695	\$55,409	\$76,693	10	36	2	48
21-0000	Community and Social Service Occupations	1,540	1,548	8	0.5%	\$29,240	\$38,268	\$36,695	\$43,781	47	98	1	146
23-0000	Legal Occupations	318	332	14	4.4%	\$32,033	\$64,754	\$50,674	\$71,850	9	14	1	24
25-0000	Education, Training, and Library Occupations	5,406	5,460	54	1.0%	\$33,266	\$46,674	\$42,968	\$54,273	202	240	5	447
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	966	999	33	3.4%	\$26,035	\$39,386	\$33,953	\$47,911	36	67	3	106
29-0000	Healthcare Practitioners and Technical Occupations	5,822	6,088	266	4.6%	\$41,463	\$74,461	\$58,457	\$80,146	152	182	27	361
31-0000	Healthcare Support Occupations	5,205	5,565	360	6.9%	\$22,532	\$28,241	\$25,472	\$31,168	327	328	36	691
33-0000	Protective Service Occupations	2,635	2,544	-91	-3.5%	\$28,206	\$38,448	\$32,414	\$43,636	117	158	-9	266
35-0000	Food Preparation and Serving Related Occupations	6,914	7,172	258	3.7%	\$19,957	\$24,958	\$21,182	\$26,170	507	697	26	1,230
37-0000	Building and Grounds Cleaning and Maintenance Occupations	2,694	2,680	-14	-0.5%	\$22,625	\$28,981	\$27,190	\$32,273	157	193	-1	349
39-0000	Personal Care and Service Occupations	2,024	2,145	121	6.0%	\$20,587	\$33,241	\$27,162	\$38,200	130	163	12	305
41-0000	Sales and Related Occupations	9,488	9,154	-334	-3.5%	\$20,946	\$33,115	\$25,676	\$34,615	515	762	-33	1,244
43-0000	Office and Administrative Support Occupations	12,765	11,727	-1,038	-8.1%	\$26,859	\$37,306	\$34,401	\$44,452	584	741	-104	1,221
45-0000	Farming, Fishing, and Forestry Occupations	2,332	2,247	-85	-3.6%	\$26,836	\$34,130	\$34,050	\$39,539	96	260	-8	348
47-0000	Construction and Extraction Occupations	4,129	4,276	147	3.6%	\$35,032	\$52,219	\$44,770	\$68,447	127	286	15	428
49-0000	Installation, Maintenance, and Repair Occupations	4,813	4,925	112	2.3%	\$31,446	\$44,972	\$40,591	\$52,476	152	308	11	471
51-0000	Production Occupations	11,776	12,013	237	2.0%	\$32,679	\$39,815	\$37,977	\$46,098	444	856	24	1,324
53-0000	Transportation and Material Moving Occupations	9,122	9,686	564	6.2%	\$24,265	\$34,491	\$30,850	\$40,152	433	722	56	1,211

Please see Notes tab for further explanation of data.

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Top Job Outlook by Now, Next, and Later CategoriesOutlook defined by Career Grades which consider openings, growth rate, and wages

NOW Top Job Outlook - Northwest NOW jobs typically require high school education or less and short-term training					
Grade	Occupation Title	Annual	Average		
	Datail Calagrayage	Openings	Annual Wage		
В	Retail Salespersons	502	\$28,177		
B+	Home Health and Personal Care Aides	392	\$25,484		
В	Fast Food and Counter Workers	325	\$21,807		
В	Laborers and Freight, Stock, and Material Movers, Hand	236	\$30,556		
B+	Stockers and Order Fillers	231	\$27,173		
В	Waiters and Waitresses	200	\$24,280		
В	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	187	\$28,344		
В	Customer Service Representatives	165	\$36,784		
В	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	128	\$28,884		
Α	Light Truck or Delivery Services Drivers	105	\$43,622		
В	Driver/Sales Workers	95	\$28,755		
Α	Passenger Vehicle Drivers, Except Bus Drivers, Transit and Intercity	91	\$30,062		
B+	Construction Laborers	75	\$42,462		
В	Industrial Truck and Tractor Operators	56	\$36,887		
В	Security Guards	44	\$32,482		
В	Cleaners of Vehicles and Equipment	44	\$31,674		
В	Veterinary Assistants and Laboratory Animal Caretakers	36	\$32,811		
В	Dining Room and Cafeteria Attendants and Bartender Helpers	34	\$22,353		
В	Refuse and Recyclable Material Collectors	22	\$31,614		
В	Crossing Guards		, - , -		

NEXT Top Job Outlook - Northwest					
	NEXT jobs typically require moderate/long-term training or experience or education beyond hi	gh school			
Grade	Occupation Title	Annual	Average		
Sidde	Occupation Title	Openings	Annual Wage		
Α	Cooks, Restaurant	167	\$26,011		
В	Heavy and Tractor-Trailer Truck Drivers	165	\$45,439		
В	Nursing Assistants	163	\$28,777		
В	Maintenance and Repair Workers, General	135	\$39,087		
В	Miscellaneous Assemblers and Fabricators	117	\$45,352		
Α	Welders, Cutters, Solderers, and Brazers	93	\$40,478		
B+	Packaging and Filling Machine Operators and Tenders	89	\$36,142		
Α	First-Line Supervisors of Production and Operating Workers	82	\$59,300		
В	Food Batchmakers	64	\$35,280		
Α	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	58	\$57,054		
B+	Carpenters	55	\$67,958		
Α	Electricians	54	\$62,415		
В	Licensed Practical and Licensed Vocational Nurses	53	\$42,441		
В	Operating Engineers and Other Construction Equipment Operators	47	\$53,805		
В	Police and Sheriff's Patrol Officers	46	\$47,491		
В	Electrical, Electronic, and Electromechanical Assemblers, Except Coil Winders, Tapers, and Finishers	46	\$35,879		
В	Computer Numerically Controlled Tool Operators	44	\$41,293		
В	Medical Assistants	41	\$30,917		
B+	Self-Enrichment Education Teachers	33	\$39,513		
B+	First-Line Supervisors of Construction Trades and Extraction Workers	33	\$70,595		

	LATER Top Job Outlook - Northwest		
	LATER jobs typically require a Bachelor's degree or higher education		
Grade	Occupation Title	Annual	Average
0.0.0.0		Openings	Annual Wage
A+	General and Operations Managers	148	\$81,927
A+ B	General and Operations Managers Secondary School Teachers, Except Special and Career/Technical Education	148 107	\$81,927 \$44,795

В	Elementary School Teachers, Except Special Education	65	\$43,113
Α	Accountants and Auditors	58	\$62,926
B+	Project Management Specialists and Business Operations Specialists, All Other	35	\$70,294
A+	Nurse Practitioners	28	\$115,467
В	Human Resources Specialists	26	\$54,809
B+	Education Administrators, Elementary and Secondary School	25	\$87,530
В	Coaches and Scouts	24	\$47,536
A+	Medical and Health Services Managers	23	\$115,505
Α	Industrial Engineers	21	\$74,539
В	Chief Executives	18	\$118,532
В	Market Research Analysts and Marketing Specialists	18	\$59,448
B+	Securities, Commodities, and Financial Services Sales Agents	18	\$85,897
Α	Software Developers and Software Quality Assurance Analysts and Testers	16	\$75,499
Α	Industrial Production Managers	15	\$111,157
B+	Management Analysts	15	\$66,777
В	Loan Officers	15	\$64,177
В	Training and Development Specialists	13	\$59,875

Source: 2020-2030 Long-Term Occupational Projections, Missouri Economic Research and Information Center Please see Notes tab for additional details

Top Job Openings by Now, Next, and Later Categories

Openings based on job growth as well as replacement needs due to exits or transfers

Grade	Occupation Title	Annual	Average Annual
	Detail Coloraname	Openings	Wage
В	Retail Salespersons	502	\$28,177
B+	Home Health and Personal Care Aides	392	\$25,484
C+	Cashiers	377	\$24,205
В	Fast Food and Counter Workers	325	\$21,807
C+	Office Clerks, General	240	\$35,790
В	Laborers and Freight, Stock, and Material Movers, Hand	236	\$30,556
B+	Stockers and Order Fillers	231	\$27,173
В	Waiters and Waitresses	200	\$24,280
В	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	187	\$28,344
C+	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	174	\$34,001
В	Customer Service Representatives	165	\$36,784
В	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	128	\$28,884
Α	Light Truck or Delivery Services Drivers	105	\$43,622
C+	Cooks, Institution and Cafeteria	98	\$25,115
В	Driver/Sales Workers	95	\$28 <i>,</i> 755
Α	Passenger Vehicle Drivers, Except Bus Drivers, Transit and Intercity	91	\$30,062
C+	Childcare Workers	87	\$25,681
B+	Construction Laborers	75	\$42,462
С	Cooks, Fast Food	66	\$23,111
C+	Food Preparation Workers	64	\$23,402

	NEXT Top Job Openings - Northwest						
	NEXT jobs typically require moderate/long-term training or experience or education beyon	d high school					
Grade	Occupation Title	Annual	Average Annual				
Grade	Occupation fice	Openings	Wage				
Α	Cooks, Restaurant	167	\$26,011				
В	Heavy and Tractor-Trailer Truck Drivers	165	\$45,439				
В	Nursing Assistants	163	\$28,777				
В	Maintenance and Repair Workers, General	135	\$39,087				
В	Miscellaneous Assemblers and Fabricators	117	\$45,352				
Α	Welders, Cutters, Solderers, and Brazers	93	\$40,478				
B+	Packaging and Filling Machine Operators and Tenders	89	\$36,142				
Α	First-Line Supervisors of Production and Operating Workers	82	\$59,300				
C+	Bookkeeping, Accounting, and Auditing Clerks	79	\$36,426				
C+	First-Line Supervisors of Retail Sales Workers	77	\$45,154				
С	Correctional Officers and Jailers	74	\$30,970				
В	Food Batchmakers	64	\$35,280				
C+	Teaching Assistants, Except Postsecondary	63	\$25,245				
Α	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	58	\$57,054				
C+	Automotive Service Technicians and Mechanics	57	\$36,244				
B+	Carpenters	55	\$67,958				
Α	Electricians	54	\$62,415				
В	Licensed Practical and Licensed Vocational Nurses	53	\$42,441				
C+	Medical Secretaries	50	\$34,289				
В	Operating Engineers and Other Construction Equipment Operators	47	\$53,805				

	LATER Top Job Openings - Northwest LATER jobs typically require a Bachelor's degree or higher education		
Grade	Occupation Title	Annual	Average Annual
Glauc	Occupation Title	Openings	Wage

A+	General and Operations Managers	148	\$81,927
В	Secondary School Teachers, Except Special and Career/Technical Education	107	\$44,795
Α	Registered Nurses	107	\$64,277
В	Elementary School Teachers, Except Special Education	65	\$43,113
Α	Accountants and Auditors	58	\$62,926
B+	Project Management Specialists and Business Operations Specialists, All Other	35	\$70,294
A+	Nurse Practitioners	28	\$115,467
С	Substance Abuse, Behavioral Disorder, and Mental Health Counselors	27	\$27,041
В	Human Resources Specialists	26	\$54,809
B+	Education Administrators, Elementary and Secondary School	25	\$87,530
C+	Child, Family, and School Social Workers	25	\$38,535
C+	Buyers and Purchasing Agents	24	\$59,937
В	Coaches and Scouts	24	\$47,536
A+	Medical and Health Services Managers	23	\$115,505
Α	Industrial Engineers	21	\$74,539
В	Chief Executives	18	\$118,532
В	Market Research Analysts and Marketing Specialists	18	\$59,448
B+	Securities, Commodities, and Financial Services Sales Agents	18	\$85,897
Α	Software Developers and Software Quality Assurance Analysts and Testers	16	\$75,499
C+	Educational, Guidance, School, and Vocational Counselors	16	\$46,042

Source: 2020-2030 Long-Term Occupational Projections, Missouri Economic Research and Information Center Please see Notes tab for additional details

Fastest Growing Occupations by Now, Next, and Later Categories

Fastest growth defined by percent growth from base year to projected year

	NOW Fastest Growing Occupations - Northwest NOW jobs typically require high school education or less and short-term training						
Grade	Occupation Title	Percent Growth	Annual Openings	Average Annual Wage			
Α	Passenger Vehicle Drivers, Except Bus Drivers, Transit and Intercity	20.9%	91	\$30,062			
В	Veterinary Assistants and Laboratory Animal Caretakers	19.8%	36	\$32,811			
B+	Home Health and Personal Care Aides	14.2%	392	\$25,484			
Α	Light Truck or Delivery Services Drivers	13.7%	105	\$43,622			
C+	Hotel, Motel, and Resort Desk Clerks	13.5%	24	\$21,554			
В	Refuse and Recyclable Material Collectors	11.7%	22	\$31,614			
C+	Amusement and Recreation Attendants	11.4%	8	\$24,224			
C+	Machine Feeders and Offbearers	10.6%	10	\$32,114			
В	Dining Room and Cafeteria Attendants and Bartender Helpers	9.6%	34	\$22,353			
C+	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	7.8%	32	\$21,807			
В	Cleaners of Vehicles and Equipment	6.9%	44	\$31,674			
B+	Construction Laborers	6.7%	75	\$42,462			
B+	Stockers and Order Fillers	6.3%	231	\$27,173			
В	Industrial Truck and Tractor Operators	5.8%	56	\$36,887			
В	Laborers and Freight, Stock, and Material Movers, Hand	5.2%	236	\$30,556			
С	Information and Record Clerks, All Other	5.2%	6	\$36,525			
В	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	3.5%	128	\$28,884			
В	Waiters and Waitresses	2.7%	200	\$24,280			
C+	Counter and Rental Clerks	2.1%	33	\$26,094			
В	Driver/Sales Workers	2.1%	95	\$28,755			

NEXT Fastest Growing Occupations - Northwest NEXT jobs typically require moderate/long-term training or experience or education beyond high school						
Grade	Occupation Title	Percent	Annual	Average		
	Cooks, Restaurant	Growth 29.3%	Openings 167	\$26,011		
A B+	Industrial Machinery Mechanics	29.3% 27.3%	30	\$46,109		
В+	Computer Numerically Controlled Tool Programmers	27.3% 24.2%	5	\$60,928		
В+	Respiratory Therapists	24.2%	6	\$58,079		
Вт	Industrial Engineering Technicians	19.2%	7	\$38,079 \$47,600		
B+	Self-Enrichment Education Teachers	18.2%	33	\$39,513		
	Cabinetmakers and Bench Carpenters	14.6%	33 11			
В	·			\$37,614		
В	Maintenance Workers, Machinery	14.3%	3	\$60,863		
В	Farm Equipment Mechanics and Service Technicians	14.1%	30	\$36,650		
A	Welders, Cutters, Solderers, and Brazers	13.2%	93	\$40,478		
В	Sheet Metal Workers	12.7%	26	\$53,551		
B+	Diagnostic Medical Sonographers	12.5%	3	\$81,905		
В	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	12.5%	28	\$32,188		
C+	Phlebotomists	12.3%	8	\$29,894		
В	Machinists	12.2%	13	\$58,276		
В	Physical Therapist Assistants	11.8%	9	\$52,874		
В	Electrical, Electronic, and Electromechanical Assemblers, Except Coil Winders, Tapers, and Finishers	11.7%	46	\$35,879		
B+	Transportation, Storage, and Distribution Managers	9.5%	3	\$87,252		
В	Telecommunications Line Installers and Repairers	9.4%	6	\$64,933		
В	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	9.3%	21	\$38,265		

LATER Fastest Growing Occupations - Northwest LATER jobs typically require a Bachelor's degree or higher education												
Grade	Occupation Title	Percent Growth	Annual Openings	Average Annual Wage								
A+	Nurse Practitioners	42.2%	28	\$115,467								
Α	Logisticians	23.4%	5	\$72,771								
Α	Industrial Engineers	20.0%	21	\$74,539								
A+	Medical and Health Services Managers	19.6%	23	\$115,505								
B+	Speech-Language Pathologists	17.4%	6	\$81,018								
C+	Meeting, Convention, and Event Planners	16.2%	5	\$34,688								
B+	Mechanical Engineers	15.8%	4	\$80,358								
Α	Software Developers and Software Quality Assurance Analysts and Testers	15.3%	16	\$75,499								
Α	Veterinarians	15.1%	8	\$90,187								

В	Coaches and Scouts	13.4%	24	\$47,536
В	Market Research Analysts and Marketing Specialists	13.0%	18	\$59,448
Α	Financial Managers	12.8%	12	\$115,532
B+	Management Analysts	11.0%	15	\$66,777
В	Chemists	10.0%	7	\$65,483
Α	Industrial Production Managers	9.0%	15	\$111,157
B+	Physical Therapists	9.0%	5	\$90,575
B+	Personal Financial Advisors	8.9%	3	n/a
B+	Securities, Commodities, and Financial Services Sales Agents	8.7%	18	\$85,897
B+	Construction Managers	8.7%	7	\$89,929
В	Financial and Investment Analysts, Financial Risk Specialists, and Financial Specialists, All Other	8.5%	8	\$68,078

Source: 2020-2030 Long-Term Occupational Projections, Missouri Economic Research and Information Center Please see Notes tab for additional details

All Occupation Occupation	Information	2020	2030	2020-2		2020 Wages			Annual O	penings		Educ	cation, Experience, and Tra	nining	Applied Math	ACT Workkeys Asse Workplace Docu		s Graphic Litera	
Grade N_N_L SO	OC Code Title 0-0000 Total, All Occupations	Estimated Employmen 99,916	nt Employment		Percent Change 0.8%	Entry Mean Median \$25,392 \$42,808 \$35,189	Experienced \$49,807	d Exits 4,396	Transfers 6,707		Total 11,182	Typical Education Required	Typical Experience Required	d Typical Job Training	Minimum Median	Minimum M	Median M	linimum N	STEM CORE ledian or Related
B LATER 1: A+ LATER 1:	1-0000 Management Occupations 1-1011 Chief Executives 1-1021 General and Operations Managers	6,160 340 1,679	6,157 299 1,754	- 3 -41 75	- 0.1% -12.1% 4.5%	\$55,464 \$92,629 \$80,025 \$46,401 \$118,532 \$96,592 \$50,209 \$81,927 \$62,773	\$112,085 \$160,176 \$95,435	215 9 34	299 13 106	0 -4 8	514 18 148	Bachelor's degree Bachelor's degree	5 years or more 5 years or more	None None	4 5 3 5	5 3	6 5	4	5 5
n/a LATER 1: B+ LATER 1:	1-1031 Legislators 1-2011 Advertising and Promotions Managers 1-2021 Marketing Managers	108 n/a n/a	107 n/a n/a	-1 n/a n/a	-0.9% n/a n/a	\$19,670 \$44,757 \$27,342 n/a n/a n/a \$82,908 \$130,895 \$121,183	\$81,116 n/a \$164,071	2 n/a n/a	5 n/a n/a	0 n/a n/a	7 n/a n/a	Bachelor's degree Bachelor's degree Bachelor's degree	Less than 5 years Less than 5 years 5 years or more	None None None	3 5 3 4 7 7	4 3 5	6 5 5	4 3 5	5 4 5
B LATER 1: B+ LATER 1:	1-2022 Sales Managers1-2030 Public Relations and Fundraising Managers1-3010 Administrative Services and Facilities Managers	98 n/a 87	102 n/a 88	4 n/a 1	4.1% n/a 1.2%	\$79,122 \$123,588 \$107,037 n/a n/a n/a \$71,063 \$96,925 \$92,780	\$147,207 n/a \$116,677	2 n/a 2	6 n/a 4	0 n/a 0	8 n/a 6	Bachelor's degree Bachelor's degree Bachelor's degree	Less than 5 years 5 years or more Less than 5 years	None None None	4 4 4 5 3 5	5 5 4	5 5 5	4 4 4	5 5 4
A LATER 1: A LATER 1:	1-3021 Computer and Information Systems Managers1-3031 Financial Managers1-3051 Industrial Production Managers	89 133 188	93 150 205	4 17 17	4.5% 12.8% 9.0%	\$97,077 \$126,861 \$120,176 \$80,933 \$115,532 \$115,130 \$89,884 \$111,157 \$110,511	\$155,167 \$136,657 \$127,715	2 3 4	5 7 9	0 2 2	7 12 15	Bachelor's degree Bachelor's degree Bachelor's degree	5 years or more 5 years or more 5 years or more	None None None	5 5 4 5 3 4	5 3 3	5 5 4	5 4 4	5 Core 5 4
B+ NEXT 13	1-3061 Purchasing Managers1-3071 Transportation, Storage, and Distribution Managers1-3121 Human Resources Managers	n/a 42 46	n/a 46 48	n/a 4 2	n/a 9.5% 4.4%	n/a n/a n/a \$65,471 \$87,252 \$86,522 \$88,010 \$122,569 \$99,383	n/a \$112,997 \$116,701	n/a 1 1	n/a 2 3	n/a 0 0	n/a 3 4	Bachelor's degree High school diploma or equivalent Bachelor's degree	5 years or more 5 years or more 5 years or more	None None None	4 5 3 4 3 5	4 3 4	4 4 5	4 3 4	4 4 4
B NEXT 13	1-3131 Training and Development Managers1-9013 Farmers, Ranchers, and Other Agricultural Managers1-9021 Construction Managers	n/a n/a 69	n/a n/a 75	n/a n/a 6	n/a n/a 8.7%	n/a n/a n/a n/a n/a n/a \$67,615 \$89,929 \$79,377	n/a n/a \$102,878	n/a n/a 2	n/a n/a 4	n/a n/a 1	n/a n/a 7	Bachelor's degree High school diploma or equivalent Bachelor's degree	5 years or more 5 years or more None	None None Moderate-term on-the-job training	4 4 4 6 4 5	5 5 3	5 5 6	4 4 3	4 5 5
B+ LATER 13	 1-9031 Education Administrators, Preschool and Childcare Center/Progra 1-9032 Education Administrators, Elementary and Secondary School 1-9033 Education Administrators, Postsecondary 	nm n/a 354 n/a	n/a 355 n/a	n/a 1 n/a	n/a 0.3% n/a	n/a n/a n/a \$71,743 \$87,530 \$85,793 n/a n/a n/a	n/a \$102,106 n/a	n/a 9 n/a	n/a 16 n/a	n/a O n/a	n/a 25 n/a	Bachelor's degree Master's degree Master's degree	Less than 5 years 5 years or more Less than 5 years	None None None	4 4 5 5 3 5	5 5 4	5 5 5	4 5 4	4 5 5
A LATER 13	1-9039 Education Administrators, All Other1-9041 Architectural and Engineering Managers1-9051 Food Service Managers	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a n/a n/a n/a \$55,570 \$76,181 \$62,492	n/a n/a \$112,723	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	Bachelor's degree Bachelor's degree High school diploma or equivalent	Less than 5 years 5 years or more Less than 5 years	None None None	3 4 7 7 3 3	4 6 4	4 7 4	4 5 3	4 5 Core 4
B LATER 13	1-9111 Medical and Health Services Managers1-9121 Natural Sciences Managers1-9131 Postmasters and Mail Superintendents	225 n/a n/a	269 n/a n/a	44 n/a n/a	19.6% n/a n/a	\$74,215 \$115,505 \$99,946 n/a n/a n/a n/a n/a n/a	\$136,085 n/a n/a	6 n/a n/a	13 n/a n/a	4 n/a n/a	23 n/a n/a	Bachelor's degree Bachelor's degree High school diploma or equivalent	Less than 5 years 5 years or more Less than 5 years	None None Moderate-term on-the-job training	3 4 5 6 3 4	3 4 3	4 5 4	3 4 3	4 Related 4 Core 4
B LATER 13	 1-9141 Property, Real Estate, and Community Association Managers 1-9151 Social and Community Service Managers 1-9161 Emergency Management Directors 	84 129 n/a	82 134 n/a	-2 5 n/a	-2.4% 3.9% n/a	\$32,309 \$56,441 \$39,717 \$49,487 \$67,054 \$62,363 n/a n/a n/a	\$87,789 \$80,971 n/a	3 4 n/a	3 7 n/a	0 0 n/a	6 11 n/a	High school diploma or equivalent Bachelor's degree Bachelor's degree	Less than 5 years Less than 5 years 5 years or more	None None None	3 4 3 4 3 4	3 4 4	4 5 4	4 4 4	4 4 4
B+ LATER 1:	1-9198 Personal Service Managers; Entertainment & Recreation Manager 3-0000 Business and Financial Operations Occupations		129 3,699	5 39	4.0% 1.1%	\$77,146 \$110,142 \$111,489 \$43,284 \$62,100 \$56,409	\$138,634 \$74,696	3 96	6 211	0	9	Bachelor's degree	Less than 5 years	None	3 4	4	5	3	4
C+ LATER 13 C+ NEXT 13	3-1020 Buyers and Purchasing Agents 3-1031 Claims Adjusters, Examiners, and Investigators 3-1032 Insurance Appraisers, Auto Damage	257 168 n/a	250 153 n/a	-7 -15 n/a	-2.7% -8.9% n/a	\$44,039 \$59,937 \$53,906 \$66,013 \$76,637 \$77,947 n/a n/a n/a	\$64,163 \$89,053 n/a	9 4 n/a	16 8 n/a	-1 -2 n/a	24 10 n/a	Bachelor's degree High school diploma or equivalent Postsecondary non-degree award	None None None	Moderate-term on-the-job training Long-term on-the-job training Moderate-term on-the-job training	5 5 3 3 3 4	4 3 3	4 4 5	4 3 4	5 4 4
B LATER 13 B LATER 13	3-1041 Compliance Officers 3-1051 Cost Estimators 3-1071 Human Resources Specialists	137 115 260	139 115 271	2 0 11	1.5% 0.0% 4.2%	\$53,130 \$64,966 \$63,286 \$50,211 \$70,381 \$67,844 \$42,184 \$54,809 \$52,146	\$74,410 \$83,497 \$63,734	3 3 7	7 7 18	0 0 1	10 10 26	Bachelor's degree Bachelor's degree Bachelor's degree	None None None	Moderate-term on-the-job training Moderate-term on-the-job training None	3 3 5 5 3 4	4 4 4	4 4 4	3 4 3	4 4 4
D LATER 13 A LATER 13	3-1075 Labor Relations Specialists 3-1081 Logisticians 3-1111 Management Analysts	78 47 136	62 58 151	-16 11 15	-20.5% 23.4% 11.0%	\$28,713 \$52,428 \$37,467 \$58,145 \$72,771 \$66,827 \$40,920 \$66,777 \$60,306	\$75,243 \$83,225 \$83,007	2 1 5	5 3 8	-2 1 2	5 5 15	Bachelor's degree Bachelor's degree Bachelor's degree	Less than 5 years None Less than 5 years	None None None	3 3 5 5 3 4	3 5 3	4 5 4	3 5 4	4 5 4
C+ LATER 13 C+ LATER 13	3-1121 Meeting, Convention, and Event Planners 3-1131 Fundraisers 3-1141 Compensation, Benefits, and Job Analysis Specialists	37 83 n/a	43 81 n/a	6 -2 n/a	16.2% -2.4% n/a	\$25,529 \$34,688 \$30,754 \$42,091 \$56,068 \$52,864 n/a n/a n/a	\$43,221 \$72,135 n/a	1 2 n/a	3 5 n/a	1 0 n/a	5 7 n/a	Bachelor's degree Bachelor's degree Bachelor's degree	None None Less than 5 years	None None None	4 4 3 4 4 4	4 3 5	4 5	5 3 4	4 4 4
B LATER 13 B LATER 13	3-1151 Training and Development Specialists 3-1161 Market Research Analysts and Marketing Specialists 3-1198 Project Management Specialists and Business Operations Specialis	130 154	139 174 481	9 20 11	6.9% 13.0% 2.3%	\$39,753 \$59,875 \$55,885 \$39,226 \$59,448 \$47,722 \$49,116 \$70,294 \$64,288	\$72,456 \$76,031 \$83,337	4 4 11	8 12	1 2	13 18 35	Bachelor's degree Bachelor's degree Bachelor's degree	Less than 5 years None None	None None None	3 4 3 4	4 4 4	5 4	4 4 3	4 4 4
A LATER 13 C LATER 13	3-2011 Accountants and Auditors 3-2020 Property Appraisers and Assessors 3-2031 Budget Analysts	617 n/a	646 n/a n/a	29 n/a n/a	4.7% n/a n/a	\$45,412 \$62,926 \$57,648 \$28,997 \$43,634 \$39,177 n/a n/a n/a	\$74,489 \$48,915 n/a	18 n/a n/a	37 n/a n/a	3 n/a n/a	58 n/a n/a	Bachelor's degree Bachelor's degree Bachelor's degree	None None None	None Long-term on-the-job training None	4 5 5 5	4 5	4 5	4 4	5 5
C+ LATER 13 B+ LATER 13	3-2031 Budget Analysts 3-2041 Credit Analysts 3-2052 Personal Financial Advisors 3-2053 Insurance Underwriters	n/a n/a 45	n/a 49	n/a 4	n/a 8.9%	n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a	n/a 1	n/a 2	n/a n/a 0 n/a	n/a n/a 3 n/a	Bachelor's degree Bachelor's degree Bachelor's degree Bachelor's degree	None None None	None Long-term on-the-job training Moderate-term on-the-job training	4 4 4	4 4	5 4	3 4	4
B LATER 13 B LATER 13	3-2061 Financial Examiners 3-2072 Loan Officers 3-2081 Tax Examiners and Collectors, and Revenue Agents	n/a n/a 197	n/a n/a 199	n/a n/a 2	n/a n/a 1.0%	n/a n/a n/a \$43,471 \$64,177 \$55,952	n/a \$75,435	n/a n/a 4	n/a n/a 11	n/a 0	n/a 15	Bachelor's degree Bachelor's degree	None Less than 5 years	Long-term on-the-job training Moderate-term on-the-job training	3 5 4 4	3 4	4 5	4 4	4 4
C NEXT 13	3-2082 Tax Preparers 3-2098 Financial and Investment Analysts, Financial Risk Specialists, and F	n/a n/a Fin 82	n/a n/a 89	n/a n/a 7	n/a n/a 8.5%	n/a n/a n/a n/a n/a n/a \$53,870 \$68,078 \$64,217	n/a n/a \$80,046	n/a n/a 2	n/a n/a 5	n/a n/a 1	n/a n/a 8	Bachelor's degree High school diploma or equivalent Bachelor's degree	None None None	Moderate-term on-the-job training Moderate-term on-the-job training None	3 4 5 5	4 4	4 4 5	4 4 4	4 4
B LATER 15	5-0000 Computer and Mathematical Occupations 5-1211 Computer Systems Analysts 5-1212 Information Security Analysts	984 68 n/a	1,030 69	46 1 n/a	4.7% 1.5% n/a	\$46,087 \$64,418 \$62,012 \$67,426 \$81,365 \$78,833 n/a n/a n/a	\$79,898 \$95,236 n/a	20 1 n/a	50 3 n/a	5 0 n/a	75 4 n/a	Bachelor's degree Bachelor's degree	None Less than 5 years	None None	3 5	3	4	3	4 Core 6 Core
B NEXT 19 C+ NEXT 19	5-1231 Computer Network Support Specialists 5-1232 Computer User Support Specialists	107 226	n/a 113 239	6 13	5.6% 5.8%	\$42,100 \$55,307 \$55,588 \$33,617 \$45,477 \$44,526	\$63,613 \$53,515	11/a 2 4	6 12	1 1	9 17	Associate degree Some college, no degree	None None	None None	5 5 5 3 4	4 3	5	6 4 3	4 Core 4 Core
C+ LATER 15 C+ LATER 15	5-1241 Computer Network Architects 5-1244 Network and Computer Systems Administrators 5-1245 Database Administrators and Architects	130 n/a	33 122 n/a	-8 n/a	6.5% -6.2% n/a	\$71,537 \$88,257 \$78,180 \$54,238 \$68,204 \$67,431 n/a n/a n/a	\$100,905 \$80,109 n/a	0 2 n/a	2 6 n/a	0 -1 n/a	7 n/a	Bachelor's degree Bachelor's degree Bachelor's degree	5 years or more None None	None None None	4 4 3 5 5 5	4	5 5 4	5 3 5	5 Core 4 Core 5 Core
A LATER 19 C+ LATER 19	5-1251 Computer Programmers 5-1256 Software Developers and Software Quality Assurance Analysts an 5-1257 Web Developers and Digital Interface Designers	35 nd 176 52	203 52	-4 27 0	-11.4% 15.3% 0.0%	\$58,370 \$75,913 \$74,396 \$56,605 \$75,499 \$71,232 \$57,930 \$67,218 \$69,700	\$93,323 \$94,873 \$78,163	1 4 1	9	0 3 0	3 16 4	Bachelor's degree Bachelor's degree Bachelor's degree	None None None	None None None	4 5 6 8 4 5	4 6 5	5 8 5	4 6 6	5 Core 8 Core 6 Core
C+ LATER 15 B+ LATER 15	5-1299 Computer Occupations, All Other 5-2011 Actuaries 5-2031 Operations Research Analysts	79 n/a n/a	81 n/a n/a	2 n/a n/a	2.5% n/a n/a	\$39,064 \$67,777 \$71,639 n/a n/a n/a n/a n/a n/a	\$88,507 n/a n/a	2 n/a n/a	4 n/a n/a	0 n/a n/a	6 n/a n/a	Bachelor's degree Bachelor's degree Bachelor's degree	None None None	None Long-term on-the-job training None	8 8 7 7 7 7	10 7 7	10 7 7	8 6 6	CoreCoreCore
C+ LATER 1	5-2041 Statisticians 5-2098 Data Scientists and Mathematical Science Occupations, All Other	n/a n/a	n/a n/a	n/a n/a	n/a n/a	n/a n/a n/a n/a n/a n/a	n/a n/a	n/a n/a	n/a n/a	n/a n/a	n/a n/a	Master's degree Bachelor's degree	None None	None None	7 7 7 7	7 7	7 7	6 6	7 Core 6 Core
B LATER 17	 7-0000 Architecture and Engineering Occupations 7-1011 Architects, Except Landscape and Naval 7-1021 Cartographers and Photogrammetrists 	668 n/a n/a	748 n/a n/a	80 n/a n/a	12.0% n/a n/a	\$50,969 \$68,846 \$68,664 n/a n/a n/a n/a n/a n/a	\$81,350 n/a n/a	18 n/a n/a	35 n/a n/a	8 n/a n/a	61 n/a n/a	Bachelor's degree Bachelor's degree	None None	Internship/residency None	7 7 4 4	6 5	7 5	6 6	6 Related 6 Core
B LATER 17	7-1022 Surveyors 7-2011 Aerospace Engineers 7-2021 Agricultural Engineers	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	Bachelor's degree Bachelor's degree Bachelor's degree	None None None	Internship/residency None None	3 5 7 7 7 7	5 6 6	5 6 6	4 6 6	5 Core7 Core7 Core
B LATER 17	7-2051 Civil Engineers 7-2071 Electrical Engineers 7-2072 Electronics Engineers, Except Computer	89 n/a n/a	95 n/a n/a	6 n/a n/a	6.7% n/a n/a	\$52,932 \$72,810 \$67,324 n/a n/a n/a n/a n/a n/a	\$90,675 n/a n/a	2 n/a n/a	5 n/a n/a	1 n/a n/a	8 n/a n/a	Bachelor's degree Bachelor's degree Bachelor's degree	None None None	None None None	6 6 7 7 7 7	6 6 6	6 6 6	6 6 6	6 Core 6 Core
C+ LATER 17	7-2081 Environmental Engineers7-2111 Health and Safety Engineers, Except Mining Safety Engineers and7-2112 Industrial Engineers	n/a In: n/a 235	n/a n/a 282	n/a n/a 47	n/a n/a 20.0%	n/a n/a n/a n/a n/a n/a \$67,225 \$74,539 \$73,999	n/a n/a \$80,881	n/a n/a 6	n/a n/a 10	n/a n/a 5	n/a n/a 21	Bachelor's degree Bachelor's degree Bachelor's degree	None None None	None None None	6 7 3 4 3 5	6 4 6	6 4 6	6 6 6	6 Core 6 Core 6 Core
B+ LATER 17	7-2131 Materials Engineers 7-2141 Mechanical Engineers 7-2199 Engineers, All Other	n/a 38 n/a	n/a 44 n/a	n/a 6 n/a	n/a 15.8% n/a	n/a n/a n/a \$64,222 \$80,358 \$77,871 n/a n/a n/a	n/a \$94,053 n/a	n/a 1 n/a	n/a 2 n/a	n/a 1 n/a	n/a 4 n/a	Bachelor's degree Bachelor's degree Bachelor's degree	None None None	None None None	5 6 4 6 6 6	6 6 6	6 6 6	6 6 6	6 Core 6 Core 6 Core
B NEXT 17 C+ NEXT 17	7-3011 Architectural and Civil Drafters 7-3012 Electrical and Electronics Drafters 7-3013 Mechanical Drafters	n/a n/a 50	n/a n/a n/a 49	n/a n/a -1	n/a n/a -2.0%	\$47,949 \$73,468 \$69,813 n/a n/a n/a \$39,989 \$52,324 \$51,861	\$98,252 n/a \$64,846	n/a n/a 2	n/a n/a 3	n/a n/a 0	n/a n/a 5	Associate degree Associate degree Associate degree	None None None	None None None	3 5 3 5 4 5	4 3 4	5 4 4	3 4 5	5 Core 5 Core 5 Core
D NEXT 17 B NEXT 17	7-3022 Civil Engineering Technicians 7-3023 Electrical and Electronics Engineering Technicians 7-3026 Industrial Engineering Technicians	n/a n/a 52	n/a n/a 62	n/a n/a 10	n/a n/a 19.2%	n/a n/a n/a n/a n/a n/a \$43,601 \$47,600 \$46,959	n/a n/a \$50,318	n/a n/a 2	n/a n/a 4	n/a n/a 1	n/a n/a 7	Associate degree Associate degree Associate degree	None None None	None None None	3 4 3 4 3 4	4 3 3	4 5 4	4 3 3	4 Core 5 Core 4 Core
C+ NEXT 17	7-3031 Surveying and Mapping Technicians 7-3098 Calibration and Engineering Technologists and Technicians, Excep	n/a ot [n/a	n/a n/a	n/a n/a	n/a n/a	n/a n/a n/a n/a n/a n/a	n/a n/a	n/a n/a	n/a n/a	n/a n/a	n/a n/a	High school diploma or equivalent Associate degree	None None	Moderate-term on-the-job training None	3 5 3 4	3	4 4	4 3	5 Core 4 Core
B LATER 19	9-0000 Life, Physical, and Social Science Occupations 9-1011 Animal Scientists 9-1012 Food Scientists and Technologists	495 n/a n/a	515 n/a n/a	20 n/a n/a	4.0% n/a n/a	\$44,193 \$62,695 \$55,409 n/a n/a n/a n/a n/a	\$76,693 n/a n/a	10 n/a n/a	36 n/a n/a	2 n/a n/a	48 n/a n/a	Bachelor's degree Bachelor's degree	None None	None None	5 6 5 5	7 7	7 7	5 5	7 Core 6 Core
C LATER 19 B LATER 19	9-1013 Soil and Plant Scientists 9-1021 Biochemists and Biophysicists 9-1023 Zoologists and Wildlife Biologists	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	Bachelor's degree Doctoral or professional degree Bachelor's degree	None None None	None None None	5 6 5 6 5 5	7 7 7	7 7 7	5 5 5	7 Core 7 Core 6 Core
B LATER 19 C+ LATER 19	9-1029 Biological Scientists, All Other 9-1031 Conservation Scientists 9-1032 Foresters	n/a 56 n/a	n/a 52 n/a	n/a -4 n/a	n/a -7.1% n/a	\$39,267 \$67,145 \$67,482 \$59,964 \$75,154 \$76,799 n/a n/a n/a	\$84,979 \$88,255 n/a	n/a 1 n/a	n/a 4 n/a	n/a 0 n/a	n/a 5 n/a	Bachelor's degree Bachelor's degree Bachelor's degree	None None None	None None None	5 6 4 5 4 5	7 5 5	7 6 6	5 4 4	7 Core 5 Core 5 Core
B LATER 19 B LATER 19	9-2021 Atmospheric and Space Scientists 9-2031 Chemists 9-2041 Environmental Scientists and Specialists, Including Health	n/a 60 n/a	n/a 66 n/a	n/a 6 n/a	n/a 10.0% n/a	n/a n/a n/a \$47,066 \$65,483 \$57,639 n/a n/a n/a	n/a \$82,960 n/a	n/a 1 n/a	n/a 5 n/a	n/a 1 n/a	n/a 7 n/a	Bachelor's degree Bachelor's degree Bachelor's degree	None None None	None None None	6 7 6 7 5 5	7 7 7	7 7 7	5 5 5	7 Core 7 Core 7 Core
B LATER 19 B LATER 19	9-2099 Physical Scientists, All Other 9-3031 Clinical, Counseling, and School Psychologists 9-3039 Psychologists, All Other	n/a n/a n/a n/a	n/a n/a n/a n/a	n/a n/a n/a n/a	n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a	n/a n/a n/a	n/a n/a n/a n/a	n/a n/a n/a n/a	n/a n/a n/a n/a	Bachelor's degree Doctoral or professional degree Master's degree	None None None	None Internship/residency Internship/residency	6 6 5 6	, 7 7	, 7 7	5 6	7 Core 6 Core 6 Core
B+ LATER 19 C+ LATER 19	9-3041 Sociologists 9-3051 Urban and Regional Planners 9-3093 Historians	n/a n/a n/a	n/a n/a n/a n/a	n/a n/a n/a n/a	n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a n/a	n/a n/a n/a n/a	n/a n/a n/a n/a	Master's degree Master's degree Master's degree	None None None	None None None	6 6 6 6	, 7 6	, 7 6	6 6	6 Core 6 Core
B LATER 19 B NEXT 19	9-3099 Social Scientists and Related Workers, All Other 9-4010 Agricultural and Food Science Technicians 9-4021 Biological Technicians	n/a n/a n/a	n/a n/a n/a n/a	n/a n/a n/a n/a	n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a n/a	n/a n/a n/a n/a	n/a n/a n/a n/a	Bachelor's degree Associate degree Bachelor's degree	None None None	None Moderate-term on-the-job training None	6 6 3 4	6 3	6 4	5 3	6 Core 4 Core 4 Core
C NEXT 19 B NEXT 19	9-4031 Chemical Technicians 9-4042 Environmental Science and Protection Technicians, Including Heal 9-4071 Forest and Conservation Technicians	n/a n/a lth n/a	n/a n/a	n/a n/a	n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a	n/a n/a	n/a n/a n/a	n/a n/a	n/a n/a	n/a n/a	Associate degree Associate degree Associate degree	None None	Moderate-term on-the-job training None None	3 4 3 5	3 5	5 5	3 4	4 Core 4 Core 5 Core
C LATER 19 C NEXT 19	9-4092 Forensic Science Technicians 9-4099 Life, Physical, and Social Science Technicians, All Other	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	Bachelor's degree Associate degree	None None None	Moderate-term on-the-job training None	3 5 3 5 3 4	4 4 3	5 4	3	5 Core 4 Core
C+ NEXT 19	9-5011 Occupational Health and Safety Specialists 9-5012 Occupational Health and Safety Technicians	n/a n/a	n/a n/a	n/a n/a	n/a n/a	\$44,054 \$61,209 \$57,244 n/a n/a n/a	\$76,842 n/a	n/a n/a	n/a n/a	n/a n/a	n/a n/a	Bachelor's degree High school diploma or equivalent	None None	None Moderate-term on-the-job training	3 5	4	4	4	4 Related 4 Related
C+ LATER 2: B LATER 2:	 1-0000 Community and Social Service Occupations 1-1012 Educational, Guidance, School, and Vocational Counselors 1-1013 Marriage and Family Therapists 1-1015 Rehabilitation Counselors 	1,540 174 n/a 41	1,548 177 n/a 39	8 3 n/a -2	0.5% 1.7% n/a -4.9%	\$29,240 \$38,268 \$36,695 \$35,230 \$46,042 \$46,762 n/a n/a n/a \$30,694 \$34,180 \$34,327	\$43,781 \$57,529 n/a \$38,008	47 6 n/a 1	98 10 n/a 2	1 0 n/a 0	146 16 n/a 3	Master's degree Master's degree Master's degree	None None	None Internship/residency None	3 4 3 4	3 3 2	4 4 5	3 3 3	4 4 4
C LATER 2: C+ LATER 2:	1-1018 Substance Abuse, Behavioral Disorder, and Mental Health Counse 1-1019 Counselors, All Other	41 elo 291 n/a 265	39 294 n/a 269	-2 3 n/a 4	1.0% n/a	\$19,995 \$27,041 \$20,334 n/a n/a n/a	\$34,683 n/a	10 n/a	2 17 n/a 17	0 0 n/a 0	3 27 n/a 25	Bachelor's degree Master's degree	None None None	None None	3 3 3 3 2 1	5 5 2	5 5 4	4 4 2	4 4
C LATER 2:	1-1021 Child, Family, and School Social Workers 1-1022 Healthcare Social Workers 1-1023 Mental Health and Substance Abuse Social Workers 1-1029 Social Workers All Other	265 180 49	269 173 51	4 -7 2	1.5% -3.9% 4.1%	\$32,345 \$38,535 \$36,239 \$36,562 \$48,148 \$44,361 \$29,747 \$42,443 \$39,280	\$40,224 \$58,751 \$51,331	8 5 1	1/ 11 3	0 -1 0	25 15 4	Bachelor's degree Master's degree Master's degree	None None None	None Internship/residency Internship/residency	3434	3 3 3	4 4 4	3 3	4 4
C LATER 2:	1-1029 Social Workers, All Other 1-1091 Health Educators 1-1092 Probation Officers and Correctional Treatment Specialists 1-1003 Social and Human Human Social and Human Human Social and Human Human Social and H	54 n/a 174	51 n/a 169	-3 n/a -5	-5.6% n/a -2.9%	\$34,998 \$57,542 \$58,772 n/a n/a n/a \$34,828 \$37,590 \$38,004	\$79,674 n/a \$40,206	2 n/a 4	3 n/a 10	0 n/a 0	5 n/a 14	Bachelor's degree Bachelor's degree Bachelor's degree	None None None	None None Short-term on-the-job training	3433	3 4 4	5 4	3 4	4
C+ NEXT 2: C+ LATER 2:	1-1093 Social and Human Service Assistants 1-1094 Community Health Workers 1-1099 Community and Social Service Specialists, All Other	150 89 n/a	155 94 n/a	5 5 n/a	3.3% 5.6% n/a	\$26,040 \$31,518 \$32,200 \$27,325 \$33,043 \$29,801 n/a n/a n/a	\$37,028 \$35,257 n/a	6 3 n/a	12 6 n/a	0 0 n/a	18 9 n/a	High school diploma or equivalent High school diploma or equivalent Bachelor's degree	None None None	Short-term on-the-job training Short-term on-the-job training None Mederate term on the job training	34434	3 4 3	4 4 4	4 4 3	4 4 4
C LATER 22	1-2011 Clergy 1-2021 Directors, Religious Activities and Education 1-2099 Religious Workers, All Other	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	Bachelor's degree Bachelor's degree Bachelor's degree	None Less than 5 years None	Moderate-term on-the-job training None None	3 4 4 4 3 4	4 5 4	5 5 5	4 4 4	5 4 4
B LATER 23	3-0000 Legal Occupations 3-1011 Lawyers 3-1012 Judicial Law Clorks	318 137	332 147	14 10	4.4% 7.3%	\$32,033 \$64,754 \$50,674 \$47,256 \$67,617 \$59,418	\$71,850 \$76,681	9 3	14 4	1 1	24 8	Doctoral or professional degree	None	None None	5 5	7	7	5	5
B LATER 23 B LATER 23	3-1012 Judicial Law Clerks 3-1021 Administrative Law Judges, Adjudicators, and Hearing Officers 3-1023 Judges, Magistrate Judges, and Magistrates	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	Doctoral or professional degree Doctoral or professional degree Doctoral or professional degree	None 5 years or more 5 years or more	None Short-term on-the-job training Short-term on-the-job training	5 5 5 5 5 5	, 7 7	, 7 7	5 5 5	5 5
C NEXT 23	3-2011 Paralegals and Legal Assistants 3-2093 Title Examiners, Abstractors, and Searchers 3-2099 Legal Support Workers, All Other	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	\$29,008 \$41,053 \$36,494 n/a n/a n/a n/a n/a n/a	\$49,015 n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	Associate degree High school diploma or equivalent Associate degree	None None None	None Moderate-term on-the-job training None	33434	ь 3 3	o 4 4	3 3 3	4 4
B LATER 25	5-0000 Education, Training, and Library Occupations 5-1011 Business Teachers, Postsecondary	5,406 n/a	5,460 n/a	54 n/a	1.0% n/a	\$33,266 \$46,674 \$42,968 n/a n/a n/a	\$54,273 n/a	202 n/a	240 n/a	5 n/a	447 n/a	Doctoral or professional degree	None	None	4 4	7	7	5	6
B LATER 25 B+ LATER 25	5-1021 Computer Science Teachers, Postsecondary 5-1022 Mathematical Science Teachers, Postsecondary 5-1032 Engineering Teachers, Postsecondary	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	Doctoral or professional degree Doctoral or professional degree Doctoral or professional degree	None None None	None None None	5 5 6 7 6 7	7 7 7	/ 7 7	5 5 5	6 Core 7 Core 7 Core
B LATER 25 C+ LATER 25	5-1041 Agricultural Sciences Teachers, Postsecondary 5-1042 Biological Science Teachers, Postsecondary 5-1051 Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	n/a n/a co n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	Doctoral or professional degree Doctoral or professional degree Doctoral or professional degree	None None None	None None None	5 5 5 6 6 7	7 7 7	/ 7 7	5 5 5	6 Core 6 Core 7 Core
C+ LATER 25 B LATER 25	5-1052 Chemistry Teachers, Postsecondary 5-1054 Physics Teachers, Postsecondary 5-1063 Economics Teachers, Postsecondary	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	Doctoral or professional degree Doctoral or professional degree Doctoral or professional degree	None None None	None None None	7 7 7 7 7 7	7 7 7	7 7 7	5 5 5	7 Core 7 Core 7 Core
C+ LATER 25 B LATER 25	5-1064 Geography Teachers, Postsecondary 5-1065 Political Science Teachers, Postsecondary 5-1066 Psychology Teachers, Postsecondary	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	Doctoral or professional degree Doctoral or professional degree Doctoral or professional degree	None None None	None None None	5 6 4 4 7 7	7 7 7	7 7 7	5 5 5	6 Core 6 Core 6 Core
A LATER 25 B+ LATER 25	5-1067 Sociology Teachers, Postsecondary 5-1071 Health Specialties Teachers, Postsecondary 5-1072 Nursing Instructors and Teachers, Postsecondary	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	Doctoral or professional degree Doctoral or professional degree Doctoral or professional degree	None Less than 5 years Less than 5 years	None None None	7 7 6 6 6 6	7 7 7	7 7 7	5 5 5	6 Core 6 Related 6 Related
C+ LATER 25 C+ LATER 25	5-1081 Education Teachers, Postsecondary 5-1082 Library Science Teachers, Postsecondary 5-1111 Criminal Justice and Law Enforcement Teachers, Postsecondary	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	Doctoral or professional degree Doctoral or professional degree Doctoral or professional degree	Less than 5 years None None	None None None	5 5 5 5 5 5	7 7 7	7 7 7	5 5 5	6 6 6
B LATER 25 C+ LATER 25	5-1113 Social Work Teachers, Postsecondary 5-1121 Art, Drama, and Music Teachers, Postsecondary 5-1122 Communications Teachers, Postsecondary	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	Doctoral or professional degree Master's degree Doctoral or professional degree	None None None	None None None	5 5 5 5 5 5	7 7 7	7 7 7	5 5 5	6 6 6
C+ LATER 25 C+ LATER 25	5-1123 English Language and Literature Teachers, Postsecondary 5-1124 Foreign Language and Literature Teachers, Postsecondary 5-1125 History Teachers, Postsecondary	n/a n/a n/a	n/a n/a n/a n/a	n/a n/a n/a n/a	n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	Doctoral or professional degree Doctoral or professional degree Doctoral or professional degree	None None None	None None None	5 5 5 5 5 5	7 7 7	7 7 7	5 5 5	6 6 6
B+ LATER 25 B LATER 25	5-1126 Philosophy and Religion Teachers, Postsecondary 5-1192 Home Economics Teachers, Postsecondary 5-1193 Recreation and Fitness Studies Teachers, Postsecondary	n/a n/a n/a	n/a n/a n/a n/a	n/a n/a n/a n/a	n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a n/a	n/a n/a n/a n/a	n/a n/a n/a	Doctoral or professional degree Doctoral or professional degree Doctoral or professional degree	None None None	None None None	5 5 5 6 5 5	7 7 7	7 7 7	5 5 5	6 6 6
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C B C+ C+ B B C+ C+ C C+ C C+ C C+ C	LATER	25-1194 Vocational Education Teachers, Postsecondary 25-1199 Postsecondary Teachers, All Other 25-2011 Preschool Teachers, Except Special Education 25-2012 Kindergarten Teachers, Except Special Education 25-2021 Elementary School Teachers, Except Special Education 25-2022 Middle School Teachers, Except Special and Career/Technical Educa 25-2031 Secondary School Teachers, Except Special and Career/Technical Ed 25-2032 Career/Technical Education Teachers, Secondary School 25-2052 Special Education Teachers, Kindergarten and Elementary School 25-2057 Special Education Teachers, Middle School 25-2058 Special Education Teachers, Secondary School 25-2059 Special Education Teachers, All Other 25-3011 Adult Basic and Secondary Education and Literacy Teachers and Inst 25-3021 Self-Enrichment Education Teachers 25-3031 Substitute Teachers, Short-Term 25-3097 Teachers and Instructors, All Other, Except Substitute Teachers 25-4011 Archivists	n/a n/a n/a n/a 929 n/a 1,603 38 n/a n/a n/a n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a 925 n/a 1,604 38 n/a	n/a n/a n/a n/a -4 n/a 1 0 n/a	n/a \$37,5 n/a n/ n/a \$20,5 n/a n/ -0.4% \$35,6 n/a \$45,6 0.1% \$37,5 0.0% n/ n/a n/ n/a n/ n/a n/ n/a n/ 18.2% \$27,7 n/a \$26,6 n/a n/ n/a n/	n/a 350 \$27,204 n/a n/a 486 \$43,113 472 \$60,879 959 \$44,795 n/a n/a n/a 429 \$40,287 n/a n/a n/a 129 \$40,287 n/a n/a 129 \$39,513	\$46,016 \$62,699 n/a n/a \$23,391 \$28,75 n/a n/a \$40,513 \$49,259 \$57,698 \$73,149 \$44,407 \$50,34 n/a n/a n/a n/a n/a n/a \$37,223 \$46,279 n/a n/a n/a \$37,527 \$48,800 \$30,314 \$43,760 n/a	n/a n/a n/a n/a n/a 19 28 19 n/a 11 42 1 n/a	n/a n/a n/a n/a 37 n/a 65 2 n/a n/a n/a n/a n/a n/a n/a n/a	n/a	//a //a //a //a //a //a //a //a	Bachelor's degree ctoral or professional degree Associate degree Bachelor's degree	Less than 5 years None None None None None None Less than 5 years None None None None None None None None	None None None None None None None None	3 4 5 5 4 4 4 4 4 4 4 4 3 3 3 4 4 4 4 4 4 4 4 4	7 7 3 5 5 5 5 5 5 5 5 5 5 4 5 4	7 7 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 5 6 6 5 6 6 5 6 6 5 7	5 5 4 4 4 4 4 4 4 4 4 4 4 4 4 4	6 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
C+ C C+ D C C+ C	LATER LATER LATER NEXT LATER NEXT LATER LATER	25-4012 Curators 25-4013 Museum Technicians and Conservators 25-4022 Librarians and Media Collections Specialists 25-4031 Library Technicians 25-9031 Instructional Coordinators 25-9045 Teaching Assistants, Except Postsecondary 25-9099 Education, Training, and Library Workers, All Other 27-0000 Arts, Design, Entertainment, Sports, and Media Occupations	n/a n/a 87 35 n/a 684 n/a	n/a n/a 87 31 n/a 684 n/a	n/a n/a 0 -4 n/a 0 n/a	n/a n/ n/a n/ 0.0% \$35,; -11.4% \$34,; n/a \$43,; 0.0% \$20,; n/a n/	942 \$42,452 136 \$48,632 946 \$25,245 a n/a	n/a n/a n/a n/a s44,462 \$55,309 \$44,440 \$51,730 \$46,769 \$50,600 \$23,080 \$27,64 n/a n/a \$33,953 \$47,91	0 3 95 n/a 2 31 n/a	n/a n/a 4 2 n/a 32 n/a	n/a n 0 0 n/a n 0 6 n/a n	/a	Master's degree Bachelor's degree Master's degree secondary non-degree award Master's degree Some college, no degree Bachelor's degree	None None None None 5 years or more None	None None None None None None	4 4 4 8 8 8 3 4 3 3 3 4 3 4	4 4 8 3 5 3 4	5 10 4 6 4 4	4 4 8 3 3 3 4	5 8 4 4 3 4
B C C C D C B+ C F C+ B C+ C C+ C B C+ C C+ C B D C	LATER NEXT LATER LATER LATER LATER NEXT LATER NEXT NOW NEXT NOW NEXT NEXT NEXT NEXT NEXT	27-1011 Art Directors 27-1012 Craft Artists 27-1013 Fine Artists, Including Painters, Sculptors, and Illustrators 27-1014 Multimedia Artists and Animators 27-1022 Fashion Designers 27-1023 Floral Designers 27-1024 Graphic Designers 27-1025 Interior Designers 27-1026 Merchandise Displayers and Window Trimmers 27-1027 Set and Exhibit Designers 27-2012 Producers and Directors 27-2012 Coaches and Scouts 27-2021 Umpires, Referees, and Other Sports Officials 27-2022 Musicians and Singers 27-2040 Miscellaneous Entertainers and Performers, Sports and Related Wo 27-3011 Radio and Television Announcers 27-3023 News Analysts, Reporters, and Journalists 27-3041 Editors 27-3042 Technical Writers 27-3043 Writers and Authors 27-3044 Writers and Authors 27-3059 Media and Communication Workers, All Other 27-4011 Audio and Video Equipment Technicians 27-4012 Broadcast Technicians 27-4014 Sound Engineering Technicians 27-4021 Photographers	n/a n/a n/a n/a n/a n/a n/a 74 n/a 71 n/a n/a 149 n/a n/a 120 152 88 n/a	n/a n/a n/a n/a n/a n/a n/a 71 n/a 73 n/a n/a 169 n/a n/a n/a 112 156 80 n/a	n/a n/a n/a n/a n/a n/a n/a n/a -3 n/a 2 n/a	n/a n/ -4.1% \$34,3 n/a n/ 2.8% \$26,0 n/a n/ n/a n/ 13.4% \$25,5 n/a n/	n/a	n/a	n/a	n/a	n/a	//a No f //a No f //a //a High //a High //a High //a No f //a No f //a No f //a No f //a Post: /	Bachelor's degree formal educational credential Bachelor's degree	5 years or more None None None None None None None Non	None Long-term on-the-job training Long-term on-the-job training None None Moderate-term on-the-job training None None Short-term on-the-job training None None None Moderate-term on-the-job training Long-term on-the-job training Short-term on-the-job training None None None None Short-term on-the-job training Long-term on-the-job training Long-term on-the-job training Short-term on-the-job training None Short-term on-the-job training	3 4 4 4 4 4 3 4 3 3 3 4 6 6 3 4 3 4 3 3 4 4 6	4 3 5 3 3 4 4 4 3 4 4 3 3 4 8 3 3 5 6 5 4 4 3 5 6 5 6 5 6 7 6 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7	5 3 5 4 4 4 5 4 4 4 5 4 4 4 6 12 5 5 5 5 4 5 4 5 4 5 4 5 4 5 4 5 4 5 4	5 5 5 4 3 3 4 5 4 4 3 3 3 3 3 3 3 3 3 3	5 5 5 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
C+ B C+ B B A B+ B C A A B+ A C+ B B B C D C C+ C B C B C C+ C+ C+	LATER NEXT NEXT NEXT NEXT NEXT NEXT NEXT NEXT	29-1021 Chiropractors 29-1021 Dentists, General 29-1031 Dietitians and Nutritionists 29-1041 Optometrists 29-1051 Pharmacists 29-1071 Physician Assistants 29-1122 Occupational Therapists 29-1123 Physical Therapists 29-1126 Respiratory Therapists 29-1127 Speech-Language Pathologists 29-1128 Exercise Physiologists 29-1129 Nurse Anesthetists 29-1110 Nurse Practitioners 29-1111 Nurse Practitioners 29-1111 Nurse Practitioners 29-1121 Addiologists 29-1212 Anesthesiologists 29-1213 Physicians, All Other; and Ophthalmologists, Except Pediatric 29-122 Physicians, All Other; and Ophthalmologists, Except Pediatric 29-122 Dental Hygienists 29-2010 Clinical Laboratory Technologists and Technicians 29-2031 Cardiovascular Technologists and Technicians 29-2032 Diagnostic Medicia Sonographers 29-2033 Nuclear Medicine Technologists 29-2040 Emergency Medical Technicians and Paramedics 29-2051 Dietteit Technicians 29-2052 Pharmacy Technologists 29-2054 Veterinary Technologists 29-2055 Veterinary Technologists 29-2056 Veterinary Technologists 29-2057 Ophthalmic Medical Technicians 29-2058 Veterinary Technologists 29-2060 Upticians, Dispensing 29-2091 Hearing Aid Speciallists 29-2092 Hearing Aid Speciallists 29-2093 Medical Dosimetrists, Medical Records Specialists, and Health Techr 29-9091 Athletic Trainers 29-9098 Health Information Technologists, Medical Registrars, Surgical Assist	75 69 37 n/a 147 n/a 147 n/a 78 n/a 81 69 n/a 166 1,961 n/a 270 n/a n/a 252 n/a n/a 221 n/a 160 n/a 201 n/a 49 n/a 1/a 712 n/a n/a 712 n/a n/a 712 n/a n/a 712 n/a n/a	75 66 38 n/a 147 n/a n/a 85 n/a 98 81 n/a 191 2,005 n/a 384 n/a 245 n/a n/a 230 n/a 36 n/a 125 n/a 161 n/a 201 n/a 50 n/a 701 n/a n/a 207 n/a n/a	0 -3 1 n/a 0 n/a 17 12 n/a 25 44 n/a 114 n/a n/a -7 n/a n/a 9 n/a 1 n/a 0 n/a 1 n/a n/a 1 n/a n/a 1 n/a n/a 1 n/a	2.7% \$44,0 n/a n/ 0.0% \$116,0 n/a n/ 9.0% \$74,0 n/a n/ 21.0% \$53,0 17.4% \$72,0 n/a n/ 15.1% \$81,0 2.2% \$54,0	088 \$166,916 \$ 640 \$54,429 a n/a 857 \$130,224 \$ a n/a a n/a 742 \$90,575 a n/a 035 \$58,079 677 \$81,018 a n/a 629 \$90,187 665 \$64,277 400 \$225,229 \$ 612 \$115,467 \$ 61 n/a 62 n/a 6395 \$249,968 64 n/a 6396 \$300,375 65 n/a 6590 \$81,905 66 n/a 6592 \$57,315 66 n/a 6592 \$57,315 67 n/a 6592 \$57,315 68 n/a 6593 \$33,156 69 \$33,156 60 \$35,156 60 \$35,156 60 \$35,156 60 \$35,156 60 \$35,156 60 \$35,156 60 \$35,1	\$54,504 \$64,28° n/a n/a \$132,481 \$150,73° n/a n/a n/a n/a \$91,484 \$109,31° n/a \$58,690 \$64,360° \$82,127 \$95,290° n/a n/a \$90,906 \$100,75° \$63,364 \$75,440° \$185,762 n/a	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1/a 3 n/a 1/a 2 n/a 2 n/a 3 50 1/a 1/a 1/a 3 n/a 1/a 1/a 1/a 1/a 1/a 1/a 1/a 1/a 1/a 1	0	2 Doc 2 2	ctoral or professional degree Master's degree Master's degree Ctoral or professional degree Bachelor's degree Associate degree Master's degree Ctoral or professional degree Bachelor's degree Master's degree Master's degree Ctoral or professional degree Associate degree Secondary non-degree award Associate degree Secondary non-degree award Csecondary non-degree award Associate degree Secondary non-degree award Csecondary non-degree award	None None None None None None None None	None Internship/residency None None None None None None None None	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	7 7 4 7 7 6 6 6 6 6 6 7 4 5 5 4 7 7 7 7 7 4 5 5 4 4 4 4 4 3 3 3 3 3 3 4 3 3 4 3 3 4 3 3 4 3 4 3 3 4 3 4 3 4 3 3 4 3 4 3 4 3 4 3 3 4 3 3 4 3 3 4 3 3 4 3 3 4 3 3 3 4 3 3 3 3 4 3 3 3 3 3 3 4 3 3 3 4 3 3 3 4 3 3 3 3 4 3 3 4 3 3 3 3 4 3 3 3 3 3 3 4 3	7 7 5 7 7 6 6 6 6 6 6 7 5 5 5 5 7 7 7 7	6 6 6 6 6 6 6 5 5 4 4 6 6 6 6 6 6 3 3 5 3 3 4 4 3 3 3 3 4 4 4 4 4 4 4 4 4	7 7 7 7 7 7 7 7 7 7 4 4 4 4 4 4 4 4 4 4
B+ B C D B C B C B C C C C C C C C C C C C	NOW NEXT NOW NEXT NEXT NEXT NEXT NEXT NEXT NEXT NEXT	31-0000 Healthcare Support Occupations 31-1120 Home Health and Personal Care Aides 31-1131 Nursing Assistants 31-1132 Orderlies 31-1133 Psychiatric Aides 31-2011 Occupational Therapy Assistants 31-2012 Occupational Therapy Aides 31-2021 Physical Therapist Assistants 31-2022 Physical Therapist Aides 31-9011 Massage Therapists 31-9091 Dental Assistants 31-9092 Medical Assistants 31-9093 Medical Equipment Preparers 31-9094 Medical Transcriptionists 31-9095 Pharmacy Aides 31-9096 Veterinary Assistants and Laboratory Animal Caretakers 31-9097 Phlebotomists 31-9099 Healthcare Support Workers, All Other	5,205 2,732 1,458 n/a n/a n/a n/a 68 n/a 146 326 n/a 47 n/a 177 57 n/a	5,565 3,120 1,376 n/a n/a n/a n/a 76 n/a 144 344 n/a 344 n/a 212 64 n/a	360 388 -82 n/a n/a n/a n/a n/a -2 18 n/a -13 n/a 35 7 n/a	6.9% \$22,9 14.2% \$21,0 -5.6% \$23,0 n/a n/ n/a n/ n/a n/ 11.8% \$45,0 n/a n/ 11.8% \$45,0 n/a n/ -1.4% \$31,0 5.5% \$26,0 n/a n/ -27.7% \$31,0 n/a n/ 19.8% \$26,0 n/a n/	\$25,484 \$28,777 a n/a a n/a 527 \$37,956 550 \$30,917 a n/a 518 \$38,540 a n/a 518 \$38,540 a n/a 518 \$32,811 570 \$29,894	\$25,472 \$31,16 \$24,008 \$26,94 \$26,265 \$31,53 n/a n/a n/a n/a n/a n/a n/a \$52,558 \$61,62 n/a n/a n/a \$38,031 \$45,89 \$30,256 \$35,61 n/a n/a \$38,682 \$46,33 n/a \$33,015 \$38,69 \$29,740 \$33,70 n/a n/a	187 199 191 191 193 194 195 196 197 197 197 197 197 197 197 197	328 166 80 n/a n/a n/a n/a 5 n/a 10 25 n/a 4 n/a 22 4 n/a	39 3 -8 1 n/a n	63 Posts //a High //a High //a High //a High //a Posts //a Posts //a Posts //a High //a Posts //a High //a High //a Posts //a High //a High //a Posts //a High //a Posts //a High //a Posts	a school diploma or equivalent esecondary non-degree award a school diploma or equivalent Associate degree eschool diploma or equivalent Associate degree eschool diploma or equivalent esecondary non-degree award eschool diploma or equivalent	None None None None None None None None	Short-term on-the-job training None Short-term on-the-job training Short-term on-the-job training None Short-term on-the-job training None Short-term on-the-job training None None None None Short-term on-the-job training None Short-term on-the-job training None Short-term on-the-job training None Short-term on-the-job training None None	3 3 3 4 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	3 3 4 4 3 3 4 3 4 3 4 3 4 3 4 3 4 3 3	4 4 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	3 3 3 4 3 3 4 3 3 4 3 3 4 3 3 4 3 3 4 3 3 4 3 3 4 3 3 4 3 3 4 3 3 4 3 3 4 3 3 4 3 3 3 3 3 4 3 3 3 3 3 3 4 3	4 4 3 4 4 4 4 4 4 3 4 3 4 3 4 3 4 3 4 3
C B C+ C C D C C B n/a C C B B B+ B	NEXT NEXT NEXT NEXT NEXT NEXT NEXT NEXT	33-0000 Protective Service Occupations 33-1011 First-Line Supervisors of Correctional Officers 33-1012 First-Line Supervisors of Police and Detectives 33-1021 First-Line Supervisors of Fire Fighting and Prevention Workers 33-1090 Miscellaneous First-Line Supervisors, Protective Service Workers 33-2011 Firefighters 33-2021 Fire Inspectors and Investigators 33-3011 Bailiffs 33-3012 Correctional Officers and Jailers 33-3021 Detectives and Criminal Investigators 33-3031 Fish and Game Wardens 33-3041 Parking Enforcement Workers 33-3051 Police and Sheriff's Patrol Officers 33-3052 Transit and Railroad Police 33-9011 Animal Control Workers 33-9021 Private Detectives and Investigators 33-9032 Security Guards 33-9093 Crossing Guards 33-9094 Lifeguards, Ski Patrol, and Other Recreational Protective Service Wo 33-9098 School Bus Monitors and Protective Service Workers, All Other	2,635 72 73 n/a n/a n/a n/a n/a 998 52 n/a n/a 613 n/a n/a 330 n/a n/a n/a	2,544 67 72 n/a n/a n/a n/a 879 51 n/a n/a 610 n/a n/a n/a n/a n/a n/a	-91 -5 -1 n/a n/a n/a n/a -119 -1 n/a n/a -3 n/a n/a n/a n/a n/a	-3.5% \$28,: -6.9% \$41,: -1.4% \$49,: n/a n/a n/ n/a \$41,: n/a n/ n/a n/ -11.9% \$27,: -1.9% \$35,: n/a n/ n/a n/ -0.5% \$32,: n/a n/ n/a n/ 1.5% \$24,: n/a n/	\$46,890 \$40 \$75,652 \$50 \$63,117 a	\$32,414 \$43,636 \$44,322 \$51,146 \$71,171 \$96,966 \$60,522 \$65,896 n/a n/a \$57,436 n/a n/a n/a \$30,448 \$33,406 \$40,446 \$48,976 n/a n/a n/a n/a n/a n/a \$43,446 \$58,476 n/a n/a n/a n/a n/a n/a \$29,614 \$38,156 n/a \$29,614 \$38,156 n/a \$29,786 n/a n/a	28 2 14 n/a 17 n/a 18 n/a 18 n/a 19 35 18 1 18 15 18 15 18 16 18 17 18 17 18 17 18 n/a 19 19 19 19 19 19 19 19 19 19 19 19 19 1	158 3 n/a n/a n/a n/a n/a n/a 51 2 n/a n/a 31 n/a n/a n/a n/a n/a n/a n/a n/a	0	5 High /a Posts /a High /a Posts //a Posts //a High 74 High 3 High //a High	school diploma or equivalent secondary non-degree award school diploma or equivalent school diploma or equivale	Less than 5 years Less than 5 years Less than 5 years Less than 5 years None 5 years or more None None Less than 5 years None None None None None None None None	None Moderate-term on-the-job training Moderate-term on-the-job training None Long-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training Short-term on-the-job training Short-term on-the-job training	3 3 4 4 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	3 4 3 3 4 3 3 4 3 3 4 3 3 4 3 3 4 3 3 4 3 3 4 3 3 4 3 3 4 3 3 4 3 3 4 3 3 4 3 3 4 3 3 4 3 3 4 3 3 4 3 3 3 4 3 3 4 3 3 3 3 4 3	5 5 5 4 4 4 4 4 4 4 4 4 4	3 5 4 3 3 4 3 3 3 4 4 4 3 3 3 3 3 4 4 3	3 4 4 4 4 3 4 4 4 4 4 4 4 4
B B C C+ n/a A D C+ B+ B C+ C+ C+	NEXT NOW NOW NEXT NEXT NOW NOW NOW NOW NOW NOW NOW NOW	35-000 Food Preparation and Serving Related Occupations 35-1011 Chefs and Head Cooks 35-1012 First-Line Supervisors of Food Preparation and Serving Workers 35-2011 Cooks, Fast Food 35-2012 Cooks, Institution and Cafeteria 35-2013 Cooks, Private Household 35-2014 Cooks, Restaurant 35-2015 Cooks, Short Order 35-2021 Food Preparation Workers 35-3021 Bartenders 35-3021 Fast Food and Counter Workers 35-3031 Waiters and Waitresses 35-3041 Food Servers, Nonrestaurant 35-9011 Dining Room and Cafeteria Attendants and Bartender Helpers 35-9021 Dishwashers 35-9031 Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop 35-9099 Food Preparation and Serving Related Workers, All Other	6,914 n/a n/a 565 723 n/a 852 n/a 380 n/a 1,611 1,011 n/a 177 n/a 129 n/a	7,172 n/a n/a 476 688 n/a 1,102 n/a 373 n/a 1,603 1,038 n/a 194 n/a 139 n/a	258 n/a n/a -89 -35 n/a 250 n/a -7 n/a -8 27 n/a 17 n/a 10 n/a	3.7% \$19,9 n/a	n/a 508 \$35,338 591 \$23,111 665 \$25,115 6	\$21,182	n/a n/a n/a n/a 31 142 n/a 258 n/a 30 88 n/a 39 30 n/a 156 75 n/a 16 16 n/a 19 16 n/a	697 n/a n/a 44 60 n/a 84 n/a 35 n/a 170 122 n/a 16 n/a 15 n/a	n/a n n n/a n n/a n n/a n n/a n n/a n/a	High	school diploma or equivalent school diploma or equivalent formal educational credential secondary non-degree award formal educational credential	5 years or more Less than 5 years None None Less than 5 years Less than 5 years None None None None None None None None	None Short-term on-the-job training Short-term on-the-job training None Moderate-term on-the-job training Short-term on-the-job training	3	3 4 3 3 3 3 3 6 3 3 3 3 3 3 3 3 3 3 3 3	4 5 3 4 3 3 3 6 3 3 3 3 3 3 3 3 3 3 3 3 3 3	3 4 3 3 4 3 4 6 3 4 3 4 3 4 3 4 3 4 3 4	4 4 3 4 4 4 3 3 4 6 3 4 4 3 4 4 4 4 4 4
C B B C C+ C+	NEXT NOW NOW NEXT NOW NEXT NOW	 37-0000 Building and Grounds Cleaning and Maintenance Occupations 37-1011 First-Line Supervisors of Housekeeping and Janitorial Workers 37-1012 First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Janitors and Cleaners, Except Maids and Housekeeping Cleaners 37-2012 Maids and Housekeeping Cleaners 37-2021 Pest Control Workers 37-3011 Landscaping and Groundskeeping Workers 37-3012 Pesticide Handlers, Sprayers, and Applicators, Vegetation 37-3013 Tree Trimmers and Pruners 37-3019 Grounds Maintenance Workers, All Other 	2,694 n/a n/a 1,417 n/a n/a 407 n/a n/a n/a	2,680 n/a n/a 1,415 n/a n/a 405 n/a n/a n/a	-14 n/a n/a -2 n/a -2 n/a n/a	-0.5% \$22,0 n/a \$27,0 n/a n/a n/a \$20,0 n/a n/a n/-0.5% \$27,0 n/a	\$37,161 a n/a \$91 \$28,344 \$32 \$24,322 a n/a	\$27,190 \$32,27 \$31,127 \$47,08 n/a n/a \$26,976 \$31,66 \$22,961 \$26,22 n/a n/a \$31,248 \$36,52 n/a n/a n/a n/a n/a n/a	66 n/a n/a 63 88 66 n/a n/a	193 n/a n/a 99 n/a n/a 35 n/a n/a	n/a n n/a n 0 1 n/a n n/a n/a	//a High .87 No f ./a No f ./a High .53 No f ./a High ./a High	school diploma or equivalent school diploma or equivalent formal educational credential formal educational credential school diploma or equivalent formal educational credential school diploma or equivalent school diploma or equivalent formal educational credential	Less than 5 years Less than 5 years None None None None None None None None	None None Short-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training Short-term on-the-job training	3 4 5 5 3 3 3 3 3 4 3 3 3 3 3 3 3 3	3 5 3 3 3 3 3	4 5 3 4 3 3 3	3 4 3 3 3 3 4 3	4 4 3 3 4 4 4 4
C+ C B C+ C D C C+ B C C+ C C+ C C+	NEXT NEXT NOW NOW NOW NOW NEXT NEXT NEXT NEXT NEXT NOW NEXT NEXT NEXT	39-0000 Personal Care and Service Occupations 39-1098 First-Line Supervisors of Personal Service & Entertainment and Recr 39-2011 Animal Trainers 39-2021 Nonfarm Animal Caretakers 39-3031 Ushers, Lobby Attendants, and Ticket Takers 39-3091 Amusement and Recreation Attendants 39-3093 Locker Room, Coatroom, and Dressing Room Attendants 39-4021 Funeral Attendants 39-4021 Morticians, Undertakers, and Funeral Directors 39-5012 Hairdressers, Hairstylists, and Cosmetologists 39-5092 Manicurists and Pedicurists 39-5094 Skincare Specialists 39-7010 Tour and Travel Guides 39-9011 Childcare Workers 39-9031 Fitness Trainers and Aerobics Instructors 39-9032 Recreation Workers 39-9041 Residential Advisors	2,024 60 n/a n/a n/a 35 n/a n/a n/a 213 n/a n/a 673 n/a 184 n/a	2,145 64 n/a n/a n/a 39 n/a n/a n/a 232 n/a n/a 1/a 182 n/a	121 4 n/a n/a n/a 4 n/a n/a n/a 19 n/a n/a -28 n/a -2 n/a	6.0% \$20,5 6.7% \$35,5 n/a n/ n/a \$19,5 n/a n/ 11.4% \$19,6 n/a \$20,6 n/a n/ n/a n/ n/a n/ n/a n/ n/a n/ n/a n/ -4.2% \$20,6 n/a n/ -1.1% \$22,6 n/a n/	\$43,725 n/a \$29 \$23,963 n/a \$41 \$24,224 \$266 \$24,105 n/a n/a \$38 \$29,064 n/a n/a n/a n/a n/a n/a n/a n/a	\$27,162 \$38,200 \$42,445 \$50,330 n/a \$21,639 \$25,533 n/a \$20,160 \$24,440 \$21,223 \$27,600 n/a n/a n/a n/a \$26,904 \$36,430 n/a n/a n/a n/a n/a n/a s21,856 \$31,140 n/a \$21,856 n/a n/a \$34,71 n/a n/a	6 2 n/a n/a n/a n/a 8 4 0 n/a	163 4 n/a n/a n/a 4 n/a n/a n/a n/a 12 n/a n/a 17 n/a	0 n/a n/a n/a n/a 0 n/a	I/a High I/a High I/a No f 8 No f I/a High I/a High I/a Posts I/a Posts I/a Posts I/a High	school diploma or equivalent school diploma or equivalent formal educational credential formal educational credential school diploma or equivalent aschool diploma or equivalent Associate degree secondary non-degree award secondary non-degree award school diploma or equivalent aschool diploma or equivalent aschool diploma or equivalent school diploma or equivalent aschool diploma or equivalent	Less than 5 years None None None None None None None None	None Moderate-term on-the-job training Short-term on-the-job training Long-term on-the-job training None None None Moderate-term on-the-job training Short-term on-the-job training Short-term on-the-job training Short-term on-the-job training Short-term on-the-job training	3 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	3 3 3 4 3 6 3 3 5 4 4 4 4 3	4 4 3 3 4 3 6 3 3 5 4 4 4 4 3	3 3 4 3 3 3 5 3 3 4 4 3 4 4 3	4 4 4 3 3 3 5 4 3 4 4 3 4 4 3
C+ C+ C+ B C C+ B+ B	NEXT NEXT NOW NOW NEXT NOW NEXT NEXT LATER NEXT	 41-0000 Sales and Related Occupations 41-1011 First-Line Supervisors of Retail Sales Workers 41-1012 First-Line Supervisors of Non-Retail Sales Workers 41-2011 Cashiers 41-2021 Counter and Rental Clerks 41-2022 Parts Salespersons 41-2031 Retail Salespersons 41-3011 Advertising Sales Agents 41-3021 Insurance Sales Agents 41-3031 Securities, Commodities, and Financial Services Sales Agents 41-3041 Travel Agents 	9,488 816 136 2,276 280 212 3,722 n/a 263 183 n/a	9,154 760 125 2,099 286 228 3,638 n/a 259 199 n/a	-334 -56 -11 -177 6 16 -84 n/a -4 16 n/a	-3.5% \$20,9 -6.9% \$33,3 -8.1% \$59,9 -7.8% \$20,0 7.6% \$23,0 -2.3% \$20,0 n/a \$26,0 -1.5% \$34,0 8.7% \$40,0 n/a n/	\$45,154 \$48 \$70,456 \$26 \$24,205 \$50 \$26,094 \$36 \$38,018 \$95 \$28,177 \$426 \$42,305 \$423 \$52,346 \$101 \$85,897	\$40,205 \$51,840 \$67,888 \$80,980 \$22,767 \$26,980 \$21,565 \$25,530 \$33,199 \$45,940 \$24,397 \$30,490 \$30,213 \$44,470	28 30 4 36 186 36 13 36 9 9 8 206 14 17 18 19 19 19 19 19 19 19 19 19 19	762 55 8 209 19 17 304 n/a 15 12 n/a	-6 7 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	11 High 177 No f 133 No f 128 No f 102 No f 1/a High 124 High	school diploma or equivalent school diploma or equivalent formal educational credential formal educational credential formal educational credential formal educational credential school diploma or equivalent school diploma or equivalent Bachelor's degree	Less than 5 years Less than 5 years None None None None None None None None	None Short-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training	4 4 3 5 3 4 4 4 4 4 4 4	4 4 3 3 3 3 5 4 4	4 5 3 3 4 4 5 4 5	4 4 3 4 4 3 3 5 4 4	4 4 3 4 4 4 5 4

Related Related

C B+ A B C A	NEXT LATER NEXT NOW NEXT LATER NOW	41-3091 Sales Representatives of Services, Except Advertising, Insurance, Fin 41-4011 Sales Representatives, Wholesale and Manufacturing, Technical and 41-4012 Sales Representatives, Wholesale and Manufacturing, Except Techn 41-9011 Demonstrators and Product Promoters 41-9022 Real Estate Sales Agents 41-9031 Sales Engineers 41-9041 Telemarketers	123 121 550 n/a n/a n/a n/a	122 127 584 n/a n/a n/a n/a	-1 6 34 n/a n/a n/a n/a	-0.8% \$25,770 \$39,396 \$33,703 \$48,185 5.0% \$51,011 \$83,175 \$64,666 \$121,89 6.2% \$36,581 \$57,054 \$50,149 \$66,660 n/a n/a n/a n/a n/a n/a \$53,397 \$52,549 \$57,815 \$62,234 n/a n/a n/a n/a n/a n/a n/a n/a n/a	3 4 17 n/a	11 0 8 1 38 3 n/a n/a n/a n/a n/a n/a	a n/a a n/a	High school diploma or equivalent Bachelor's degree High school diploma or equivalent No formal educational credential High school diploma or equivalent Bachelor's degree No formal educational credential	None None None None None None	Moderate-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training	3 5 3 4 3 5 4 4 3 4 6 6	4 4 3 3 3 4	5 4 5 3 5 4	4 4 4 4 3 4	4 4 4 4 4
C B F C C	NOW NEXT NOW NOW NEXT	 41-9099 Sales and Related Workers, All Other 43-0000 Office and Administrative Support Occupations 43-1011 First-Line Supervisors of Office and Administrative Support Workers 43-2011 Switchboard Operators, Including Answering Service 43-2099 Communications Equipment Operators, All Other 43-3011 Bill and Account Collectors 	201 12,765 n/a n/a n/a 372	202 11,727 n/a n/a n/a 314	1 -1,038 n/a n/a n/a -58	0.5% \$21,935 \$26,552 \$24,631 \$29,643 -8.1% \$26,859 \$37,306 \$34,401 \$44,452 n/a \$43,593 \$61,814 \$56,540 \$77,338 n/a \$22,656 \$26,568 \$26,109 \$29,994 n/a n/a n/a n/a n/a n/a -15.6% \$30,136 \$38,587 \$36,811 \$45,718	584 n/a n/a n/a	741 -104 n/a n/a n/a n/a n/a n/a 24 -6	25 14 1,221 a n/a a n/a	High school diploma or equivalent	None Less than 5 years None None None	None None Short-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training	3 4 3 3 6 6 3 3	3 3 4 8 4	3 4 4 8 4	3 3 6 4	4 4 4 8 4
C C+ D C D C C+	NEXT NEXT NEXT NEXT NOW NEXT NEXT	 43-3021 Billing and Posting Clerks 43-3031 Bookkeeping, Accounting, and Auditing Clerks 43-3051 Payroll and Timekeeping Clerks 43-3061 Procurement Clerks 43-3071 Tellers 43-4011 Brokerage Clerks 43-4031 Court, Municipal, and License Clerks 	196 812 46 35 361 n/a 332	187 746 37 35 297 n/a 328	-9 -66 -9 0 -64 n/a -4	-4.6% \$30,487 \$37,424 \$36,331 \$41,640 -8.1% \$26,650 \$36,426 \$34,870 \$43,638 -19.6% \$40,501 \$45,563 \$46,068 \$51,326 0.0% \$35,231 \$40,527 \$39,199 \$45,628 -17.7% \$23,742 \$28,958 \$28,187 \$31,948 n/a n/a n/a n/a -1.2% \$28,690 \$37,497 \$36,111 \$44,947	46 2 1 13 n/a 16	12 -1 40 -7 2 -1 2 0 21 -6 n/a n/a 17 0	33	High school diploma or equivalent Some college, no degree High school diploma or equivalent	None None None None None None	Moderate-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training Long-term on-the-job training	3 4 3 4 4 4 3 3 3 3 3 4 3 3	3 3 4 3 4 3	4 4 4 4 4 4	3 3 4 3 4 3	4 4 3 4 4
B D C+ D C	NOW NEXT NOW NOW NEXT NOW NEXT	43-4051 Customer Service Representatives 43-4061 Eligibility Interviewers, Government Programs 43-4071 File Clerks 43-4081 Hotel, Motel, and Resort Desk Clerks 43-4111 Interviewers, Except Eligibility and Loan 43-4121 Library Assistants, Clerical 43-4131 Loan Interviewers and Clerks	1,385 68 n/a 126 137 67 188 171	1,325 66 n/a 143 122 60 180	-60 -2 n/a 17 -15 -7 -8	-4.3% \$29,211 \$36,784 \$35,179 \$41,518 -2.9% \$29,578 \$34,418 \$32,513 \$36,933 n/a \$28,068 \$33,609 \$31,727 \$38,214 13.5% \$19,754 \$21,554 \$20,266 \$22,653 -11.0% \$27,848 \$34,674 \$33,134 \$39,458 -10.5% \$20,954 \$24,346 \$23,102 \$25,350 -4.3% \$23,965 \$29,027 \$28,464 \$32,558	2 n/a 8 8 6 5	107 -6 4 0 n/a n/a 14 2 8 -2 4 -1 11 -1 10 -3	165 6 a n/a 24 14 9	High school diploma or equivalent	None None None None None None	Short-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training	3 4 4 4 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	3 3 3 3 4 4	4 5 3 4 4 4 4	3 4 3 3 3 4	4 4 4 4 3 4
D C C+ C C+ F	NEXT NEXT NOW NOW NOW NOW NOW	43-4141 New Accounts Clerks 43-4151 Order Clerks 43-4161 Human Resources Assistants, Except Payroll and Timekeeping 43-4171 Receptionists and Information Clerks 43-4199 Information and Record Clerks, All Other 43-5011 Cargo and Freight Agents 43-5021 Couriers and Messengers 43-5031 Police, Fire, and Ambulance Dispatchers	65 84 499 58 n/a n/a 84	141 55 77 476 61 n/a n/a 83	-50 -10 -7 -23 3 n/a n/a -1	-17.5% \$23,553 \$29,889 \$27,554 \$35,889 -15.4% \$28,060 \$31,881 \$30,251 \$32,460 -8.3% \$34,306 \$39,375 \$38,268 \$44,276 -4.6% \$20,853 \$29,685 \$28,523 \$35,564 5.2% \$31,665 \$36,525 \$36,344 \$39,993 n/a n/a n/a n/a n/a n/a n/a n/a n/a \$1,2% \$24,183 \$34,056 \$31,321 \$41,150	2 3 27 2 n/a n/a	4 -1 5 -1 34 -2 4 0 n/a n/a n/a 5 0		High school diploma or equivalent Some college, no degree Associate degree High school diploma or equivalent	None None None None None None None	Short-term on-the-job training None Short-term on-the-job training Short-term on-the-job training Short-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training	3 4 3 3 3 3 3 3 3 3 3 3 3 3 3	3 3 3 3 3 4	4 4 4 4 4 4	3 3 3 4 4 4 4	4 4 4 4 4 4
C+ D D C C C+ C+	NEXT NOW NOW NOW NOW NEXT NOW	 43-5032 Dispatchers, Except Police, Fire, and Ambulance 43-5041 Meter Readers, Utilities 43-5051 Postal Service Clerks 43-5052 Postal Service Mail Carriers 43-5053 Postal Service Mail Sorters, Processors, and Processing Machine Ope 43-5061 Production, Planning, and Expediting Clerks 43-5071 Shipping, Receiving, and Traffic Clerks 	184 n/a 145 420 n/a 152 578	184 n/a 128 372 n/a 156 550	0 n/a -17 -48 n/a 4	0.0% \$36,012 \$51,428 \$51,007 \$62,409 n/a	6 n/a 6 14 n/a 6	10 0 n/a n/a 5 -2 14 -5 n/a n/a 10 0 33 -3	9 23	High school diploma or equivalent	None None None None None None	Moderate-term on-the-job training Short-term on-the-job training Short-term on-the-job training Short-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training	3 3 3 3 3 3 3 3 3 4 3 3 3 3	3 3 4 4 3 3 3	4 3 4 4 3 4	4 3 4 4 3 3 3	4 3 4 4 3 4
C+ C F C+ C+ D	NOW NEXT NEXT NEXT NOW NOW NOW NEXT	 43-5111 Weighers, Measurers, Checkers, and Samplers, Recordkeeping 43-6011 Executive Secretaries and Executive Administrative Assistants 43-6012 Legal Secretaries 43-6013 Medical Secretaries 43-6014 Secretaries and Administrative Assistants, Except Legal, Medical, and 43-9021 Data Entry Keyers 43-9022 Word Processors and Typists 43-9041 Insurance Claims and Policy Processing Clerks 	n/a n/a n/a 467 1,994 109 n/a	n/a n/a n/a 468 1,741 82 n/a n/a	n/a n/a n/a 1 -253 -27 n/a n/a	n/a n/a n/a n/a n/a n/a n/a \$41,768 \$52,184 \$51,213 \$61,563 n/a \$29,352 \$35,380 \$34,600 \$41,057 0.2% \$25,686 \$34,289 \$32,946 \$42,554 -12.7% \$26,889 \$34,001 \$32,224 \$40,276 -24.8% \$23,679 \$30,874 \$26,413 \$37,790 n/a n/a n/a n/a n/a n/a \$27,439 \$32,859 \$31,937 \$37,450	n/a 24 95 4 n/a	n/a n/a n/a n/a n/a n/a n/a 26 0 104 -25 6 -3 n/a n/a n/a n/a	n/a n/a 50 5 174 7 a n/a	High school diploma or equivalent	None Less than 5 years None None None None None None None None	Short-term on-the-job training None Moderate-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training Short-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training	3 3 4 4 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	3 3 5 4 3 3	3 4 5 5 4 3 4	3 3 5 4 3 4 4	4 5 4 4 4
C C+ D B+ C+	NOW NOW NOW LATER LATER NOW	43-9051 Mail Clerks and Mail Machine Operators, Except Postal Service 43-9061 Office Clerks, General 43-9071 Office Machine Operators, Except Computer 43-9081 Proofreaders and Copy Markers 43-9111 Statistical Assistants 43-9199 Office and Administrative Support Workers, All Other	n/a 2,340 n/a n/a n/a n/a	n/a 2,166 n/a n/a n/a n/a	n/a n/a -174 n/a n/a n/a	n/a \$25,194 \$29,738 \$28,683 \$31,961 -7.4% \$22,810 \$35,790 \$30,940 \$43,950 n/a	n/a	n/a n/a 134 -17 n/a n/a n/a n/a n/a n/a n/a n/a	a n/a 7 240 a n/a a n/a a n/a	High school diploma or equivalent High school diploma or equivalent High school diploma or equivalent Bachelor's degree Bachelor's degree High school diploma or equivalent	None None None None None None	Short-term on-the-job training Short-term on-the-job training Short-term on-the-job training None None Short-term on-the-job training	3 3 3 3 3 5 5 3 5 3 4	3 3 3 4 4 3	3 4 4 4 5 3	3 3 3 5 4 3	3 4 4 5 5
C+ C n/a C C+ B	NEXT LATER NOW NOW NEXT NOW NOW	 45-0000 Farming, Fishing, and Forestry Occupations 45-1011 First-Line Supervisors of Farming, Fishing, and Forestry Workers 45-2011 Agricultural Inspectors 45-2021 Animal Breeders 45-2041 Graders and Sorters, Agricultural Products 45-2091 Agricultural Equipment Operators 45-2092 Farmworkers and Laborers, Crop, Nursery, and Greenhouse 45-2093 Farmworkers, Farm, Ranch, and Aquacultural Animals 	2,332 n/a 65 n/a 97 137 779 n/a	2,247 n/a 65 n/a 98 146 806 n/a	- 85 n/a 0 n/a 1 9 27 n/a	-3.6% \$26,836 \$34,130 \$34,050 \$39,539 n/a	n/a 3 n/a 4 6 34	260 -8 n/a n/a 8 0 n/a n/a 10 0 16 1 91 3 n/a n/a	14 23 128	High school diploma or equivalent Bachelor's degree High school diploma or equivalent No formal educational credential No formal educational credential No formal educational credential No formal educational credential	Less than 5 years None None None None None None None	None Moderate-term on-the-job training Short-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training Short-term on-the-job training	4 4 5 5 3 4 3 3 4 4 3 3 3 3 3	3 5 3 4 3	5 5 3 3 4 3	5 4 3 3 4 3	5 4 3 3 4 3
D n/a D B C+ n/a	NOW NEXT NEXT NEXT NEXT NEXT	45-2099 Agricultural Workers, All Other 45-3031 Fishing and Hunting Workers 45-4011 Forest and Conservation Workers 45-4021 Fallers 45-4022 Logging Equipment Operators 45-4029 Logging Workers, All Other	n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a	n/a	n/a n/a n/a n/a n/a n/a	n/a	a n/a a n/a a n/a a n/a a n/a	No formal educational credential No formal educational credential High school diploma or equivalent	None None None None None	Short-term on-the-job training Moderate-term on-the-job training	3 3 6 6 3 4 3 3 3 3 3 3	3 6 4 3 3 3	3 6 5 3 3	3 6 4 3 3 3	3 6 4 4 4 4
B+ C C C B+ D	NEXT NEXT NEXT NEXT NEXT NOW NEXT	 47-0000 Construction and Extraction Occupations 47-1011 First-Line Supervisors of Construction Trades and Extraction Worker 47-2011 Boilermakers 47-2021 Brickmasons and Blockmasons 47-2022 Stonemasons 47-2031 Carpenters 47-2041 Carpet Installers 47-2042 Floor Layers, Except Carpet, Wood, and Hard Tiles 	4,129 332 n/a n/a n/a 607 n/a n/a	4,276 346 n/a n/a n/a 599 n/a n/a	147 14 n/a n/a n/a -8 n/a n/a	3.6% \$35,032 \$52,219 \$44,770 \$68,447 4.2% \$49,439 \$70,595 \$63,445 \$93,209 n/a -1.3% \$42,741 \$67,958 \$64,079 \$89,180 n/a	10 n/a n/a n/a	286 15 22 1 n/a	33 a n/a a n/a a n/a 55 a n/a	High school diploma or equivalent No formal educational credential No formal educational credential	5 years or more None None None None None	None Apprenticeship Apprenticeship Apprenticeship Apprenticeship Apprenticeship Short-term on-the-job training Moderate-term on-the-job training	3 4 3 4 3 4 3 4 4 4 5 5	4 3 3 3 3 3 4	5 3 4 4 4 4	4 3 3 3 4 5	4 3 4 4 4 4 5
C+ B+ n/a B C B A	NEXT NOW NEXT NEXT NEXT NEXT NEXT NEXT	 47-2051 Cement Masons and Concrete Finishers 47-2061 Construction Laborers 47-2071 Paving, Surfacing, and Tamping Equipment Operators 47-2073 Operating Engineers and Other Construction Equipment Operators 47-2081 Drywall and Ceiling Tile Installers 47-2082 Tapers 47-2111 Electricians 47-2121 Glaziers 	142 698 n/a 426 n/a n/a 471	142 745 n/a 445 n/a n/a 510 n/a	0 47 n/a 19 n/a n/a 39 n/a	0.0% \$37,050 \$48,422 \$44,851 \$56,184 6.7% \$32,776 \$42,462 \$36,984 \$51,576 n/a n/a n/a n/a n/a 4.5% \$32,087 \$53,805 \$48,593 \$74,788 n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a 8.3% \$45,840 \$62,415 \$67,858 \$77,690 n/a n/a n/a n/a n/a	21 n/a 14 n/a n/a	9 0 49 5 n/a n/a 31 2 n/a n/a n/a n/a 36 4 n/a n/a	47 a n/a a n/a 54	No formal educational credential No formal educational credential High school diploma or equivalent High school diploma or equivalent No formal educational credential No formal educational credential High school diploma or equivalent High school diploma or equivalent	None None None None None None None	Moderate-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training Apprenticeship Apprenticeship	5 5 3 3 3 3 3 3 4 3 3 4 3 3 4 3 3	4 3 3 3 3 3 3	4 4 4 4 3 5	4 3 3 3 3 3	4 4 4 4 3 5
C+ B B C+ C	NEXT NEXT NEXT NEXT NEXT NOW NOW	47-2141 Painters, Construction and Maintenance 47-2152 Plumbers, Pipefitters, and Steamfitters 47-2181 Roofers 47-2211 Sheet Metal Workers 47-2221 Structural Iron and Steel Workers 47-3011 HelpersBrickmasons, Blockmasons, Stonemasons, and Tile and Ma 47-3012 HelpersCarpenters	108 182 n/a 229 n/a n/a n/a	111 190 n/a 258 n/a n/a n/a	3 8 n/a 29 n/a n/a	2.8% \$35,185 \$45,146 \$39,322 \$55,902 4.4% \$46,048 \$61,433 \$58,106 \$76,510 n/a n/a n/a n/a n/a 12.7% \$29,895 \$53,551 \$44,179 \$77,029 n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	3 5 n/a	13 1 n/a n/a 16 3 n/a n/a n/a n/a n/a n/a	9 19 a n/a 26 a n/a a n/a	No formal educational credential High school diploma or equivalent No formal educational credential High school diploma or equivalent High school diploma or equivalent No formal educational credential No formal educational credential	None None None None None None None	Moderate-term on-the-job training Apprenticeship Moderate-term on-the-job training Apprenticeship Apprenticeship Short-term on-the-job training Short-term on-the-job training	3 3 3 3 3 3 3 3 3 3 3 3	4 3 3 3 3 3 3	4 4 3 4 3 3 3	3 3 3 3 4 3	4 4 3 4 3 4 3
C C D C+ C C C+ n/a	NOW NEXT NEXT NEXT NEXT NEXT NEXT NEXT NEXT	 47-3013 HelpersElectricians 47-3019 Helpers, Construction Trades, All Other 47-4011 Construction and Building Inspectors 47-4021 Elevator Installers and Repairers 47-4031 Fence Erectors 47-4041 Hazardous Materials Removal Workers 47-4051 Highway Maintenance Workers 47-4061 Rail-Track Laying and Maintenance Equipment Operators 	n/a n/a 50 n/a n/a n/a 361 n/a	n/a n/a 41 n/a n/a n/a 357 n/a	n/a n/a -9 n/a n/a n/a -4 n/a	n/a -18.0% \$41,806 \$47,823 \$48,602 \$52,924 n/a -1.1% \$32,824 \$35,247 \$35,130 \$38,023 n/a n/a n/a n/a n/a	n/a n/a 2 n/a n/a n/a 14 n/a	n/a n/a n/a n/a 3 -1 n/a n/a n/a n/a n/a n/a 22 0 n/a n/a	a n/a 4 a n/a a n/a a n/a 36	High school diploma or equivalent No formal educational credential High school diploma or equivalent High school diploma or equivalent No formal educational credential High school diploma or equivalent High school diploma or equivalent High school diploma or equivalent	None None 5 years or more None None None None	Short-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training Apprenticeship Moderate-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training	3 3 3 5 5 4 4 4 4 3 3 3 3 3 3 3 3 3 3	4 3 5 4 3 4 4	4 4 5 4 4 4 4	3 4 4 4 4 3 3	3 4 4 4 4 3 3
C C C B+ D C	NEXT NEXT NOW NEXT NEXT NOW NOW	47-4071 Septic Tank Servicers and Sewer Pipe Cleaners 47-4090 Miscellaneous Construction and Related Workers 47-5011 Derrick Operators, Oil and Gas 47-5012 Rotary Drill Operators, Oil and Gas 47-5022 Excavating and Loading Machine and Dragline Operators, Surface M 47-5044 Loading and Moving Machine Operators, Underground Mining 47-5051 Rock Splitters, Quarry	130 n/a n/a n/a n/a n/a	130 n/a n/a n/a n/a n/a	0 n/a n/a n/a n/a n/a	0.0% \$34,699 \$41,149 \$41,449 \$47,920 n/a	4 n/a n/a n/a n/a n/a	11 0 n/a	a n/a a n/a a n/a a n/a a n/a	High school diploma or equivalent High school diploma or equivalent No formal educational credential No formal educational credential High school diploma or equivalent No formal educational credential No formal educational credential	None None None None Less than 5 years None None	Moderate-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training Short-term on-the-job training	3 3 3 3 3 3 3 6 6 6 3 3 3 3 3 3 3 3 3 3	4 4 3 3 3 6 3	4 4 3 3 4 6 4	4 3 4 3 6 3	4 3 4 4 6 4
n/a B C D B	NEXT NEXT NEXT NEXT NEXT NEXT	 47-5081 HelpersExtraction Workers 47-5097 Earth Drillers, Except Oil and Gas; and Explosives Workers, Ordnanc 49-0000 Installation, Maintenance, and Repair Occupations 49-1011 First-Line Supervisors of Mechanics, Installers, and Repairers 49-2011 Computer, Automated Teller, and Office Machine Repairers 49-2021 Radio, Cellular, and Tower Equipment Installers and Repairers 49-2022 Telecommunications Equipment Installers and Repairers, Except Lin 	n/a n/a 4,813 344 83 n/a n/a	n/a n/a 4,925 350 78 n/a n/a	n/a n/a 112 6 -5 n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a 2.3% \$31,446 \$44,972 \$40,591 \$52,476 1.7% \$43,397 \$61,303 \$52,473 \$79,835 -6.0% \$33,189 \$42,783 \$37,364 \$41,587 n/a n/a n/a n/a n/a n/a \$45,604 \$55,562 \$50,628 \$67,767	10	n/a n/a n/a n/a 308 11 21 1 6 0 n/a n/a n/a n/a	471 32 8 a n/a	High school diploma or equivalent High school diploma or equivalent High school diploma or equivalent Some college, no degree Associate degree Postsecondary non-degree award	None Less than 5 years Less than 5 years None None None	Moderate-term on-the-job training Long-term on-the-job training None Short-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training	3 3 3 3 3 3 4 5 5 3 4 3 4	3 3 5 3 3	4 4 5 5 4 4	3 3 5 4 4	5 5 4 4
C+ C+ B C+ C C	NEXT NEXT NEXT NEXT NEXT NEXT NEXT NEXT	49-2091 Avionics Technicians 49-2093 Electrical and Electronics Installers and Repairers, Transportation Ec 49-2094 Electrical and Electronics Repairers, Commercial and Industrial Equi 49-2095 Electrical and Electronics Repairers, Powerhouse, Substation, and Re 49-2096 Electronic Equipment Installers and Repairers, Motor Vehicles 49-2097 Electronic Home Entertainment Equipment Installers and Repairers 49-2098 Security and Fire Alarm Systems Installers 49-3011 Aircraft Mechanics and Service Technicians	n/a n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a 68	n/a n/a n/a n/a n/a n/a 2	n/a \$27,130 \$35,307 \$31,262 \$46,043 n/a n/a n/a n/a n/a 3.0% \$62,507 \$64,754 \$71,928 \$77,470	n/a n/a n/a n/a n/a n/a	n/a 0	a n/a a n/a a n/a a n/a a n/a	Associate degree Postsecondary non-degree award Postsecondary non-degree award Postsecondary non-degree award High school diploma or equivalent Postsecondary non-degree award High school diploma or equivalent Postsecondary non-degree award	None None None Less than 5 years None None None	None Long-term on-the-job training Long-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training None	3 4 3 3 4 4 4 4 3 4 3 3 3 4 3 4	3 4 3 3 4 3	4 3 5 4 4 4 4	4 4 3 4 3 4 4	5 5 4 4 4 4 4
C C+ C+ B C+ n/a C+	NEXT NEXT NEXT NEXT NEXT NEXT NEXT	 49-3021 Automotive Body and Related Repairers 49-3023 Automotive Service Technicians and Mechanics 49-3031 Bus and Truck Mechanics and Diesel Engine Specialists 49-3041 Farm Equipment Mechanics and Service Technicians 49-3042 Mobile Heavy Equipment Mechanics, Except Engines 49-3043 Rail Car Repairers 49-3051 Motorboat Mechanics and Service Technicians 	134 630 231 255 50 n/a n/a	130 602 232 291 54 n/a n/a	-4 -28 1 36 4 n/a n/a	-3.0% \$34,886 \$41,259 \$41,477 \$48,476 -4.4% \$27,959 \$36,244 \$31,720 \$41,827 0.4% \$34,857 \$44,398 \$39,602 \$50,119 14.1% \$29,616 \$36,650 \$33,954 \$41,898 8.0% \$33,078 \$45,288 \$44,735 \$52,332 n/a	4 18 7 8 2 n/a n/a	8 0 42 -3 14 0 18 4 4 0 n/a n/a n/a	12 57 21 30 6 a n/a a n/a	High school diploma or equivalent Postsecondary non-degree award High school diploma or equivalent	None None None None None None	Long-term on-the-job training Short-term on-the-job training Long-term on-the-job training	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	3 3 3 3 3 4	4 4 4 3 3 4	3 3 3 4 3 4	3 4 4 4 3 4
C+ B C B C+ B	NEXT NEXT NOW NEXT NEXT NEXT NEXT NEXT	 49-3052 Motorcycle Mechanics 49-3053 Outdoor Power Equipment and Other Small Engine Mechanics 49-3092 Recreational Vehicle Service Technicians 49-3093 Tire Repairers and Changers 49-9011 Mechanical Door Repairers 49-9012 Control and Valve Installers and Repairers, Except Mechanical Door 49-9021 Heating, Air Conditioning, and Refrigeration Mechanics and Installer 49-9031 Home Appliance Repairers 	n/a n/a n/a n/a n/a 261 n/a	n/a n/a n/a n/a n/a 279 n/a	n/a n/a n/a n/a n/a 18 n/a	n/a \$19,672 \$34,570 \$34,651 \$39,870 n/a n/a n/a n/a n/a n/a n/a \$24,077 \$32,105 \$31,596 \$37,556 n/a 6.9% \$34,479 \$41,422 \$40,758 \$48,586 n/a n/a n/a n/a n/a	n/a n/a 7 n/a	n/a	n/a n/a n/a n/a n/a n/a 27	Postsecondary non-degree award High school diploma or equivalent Postsecondary non-degree award High school diploma or equivalent	None None None None None None None	Short-term on-the-job training Moderate-term on-the-job training Long-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training Long-term on-the-job training Moderate-term on-the-job training	3 3 4 4 3 3 3 4 3 4 4 3 4	3 4 3 4 3 3 3	3 4 3 4 3 4 4	4 4 3 4 3 3 3	4 4 4 4 4 4
B+ B A B B C D	NEXT NEXT NEXT NEXT NEXT NEXT NEXT NEXT	 49-9041 Industrial Machinery Mechanics 49-9043 Maintenance Workers, Machinery 49-9044 Millwrights 49-9051 Electrical Power-Line Installers and Repairers 49-9052 Telecommunications Line Installers and Repairers 49-9063 Medical Equipment Repairers 49-9064 Watch Repairers 	242 35 n/a 274 53 n/a n/a n/a	308 40 n/a 264 58 n/a n/a n/a	66 5 n/a -10 5 n/a n/a n/a	27.3% \$38,467 \$46,109 \$45,703 \$52,268 14.3% \$42,288 \$60,863 \$51,270 \$66,693 n/a n/a n/a n/a n/a -3.7% \$58,785 \$75,546 \$78,917 \$94,259 9.4% \$50,555 \$64,933 \$69,042 \$78,756 n/a \$59,694 \$70,074 \$72,430 \$81,713 n/a n/a n/a n/a n/a n/a n/a n/a n/a	1 n/a 5	15 / 2 0 n/a n/a 18 -1 5 0 n/a n/a n/a n/a n/a n/a	a n/a	High school diploma or equivalent Associate degree High school diploma or equivalent High school diploma or equivalent	None None None None None None None	Long-term on-the-job training Long-term on-the-job training Apprenticeship Long-term on-the-job training Long-term on-the-job training Moderate-term on-the-job training Apprenticeship Long-term on-the-job training	3 4 3 4 3 4 3 3 3 4 4 4 4 4 4	3 3 3 3 4 4 4	4 4 4 4 5 4	3 3 3 3 3 4 4	4 4 4 4 4 4
C B A C C B n/a C+	NEXT NEXT NOW NEXT NEXT NEXT NOW	 49-9069 Precision Instrument and Equipment Repairers, All Other 49-9071 Maintenance and Repair Workers, General 49-9081 Wind Turbine Service Technicians 49-9091 Coin, Vending, and Amusement Machine Servicers and Repairers 49-9094 Locksmiths and Safe Repairers 49-9096 Riggers 49-9097 Signal and Track Switch Repairers 49-9098 HelpersInstallation, Maintenance, and Repair Workers 	n/a 1,462 n/a n/a n/a n/a n/a	n/a 1,454 n/a n/a n/a n/a n/a	n/a -8 n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a -0.6% \$30,958 \$39,087 \$38,756 \$47,903 n/a	n/a 51 n/a n/a n/a n/a n/a	n/a n/a 85 -1 n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	a n/a a n/a a n/a	High school diploma or equivalent High school diploma or equivalent Postsecondary non-degree award High school diploma or equivalent	None None None None None None None	Long-term on-the-job training Moderate-term on-the-job training Long-term on-the-job training Short-term on-the-job training Long-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training	4 5 3 4 3 4 3 3 3 3 4	4 3 4 3 3 3 3	4 4 4 4 3 3	4 3 4 4 4 3 3	4 4 4 4 3 3
C+ A B C+ C	NEXT NEXT NEXT NEXT NEXT NEXT	 49-9099 Installation, Maintenance, and Repair Workers, All Other 51-0000 Production Occupations 51-1011 First-Line Supervisors of Production and Operating Workers 51-2028 Electrical, Electronic, and Electromechanical Assemblers, Except Coil 51-2031 Engine and Other Machine Assemblers 51-2041 Structural Metal Fabricators and Fitters 51-2090 Miscellaneous Assemblers and Fabricators 	n/a 11,776 783 384 n/a n/a 1,219	n/a 12,013 826 429 n/a n/a 1,114	n/a 237 43 45 n/a n/a -105	n/a n/a n/a n/a 2.0% \$32,679 \$39,815 \$37,977 \$46,098 5.5% \$44,412 \$59,300 \$59,658 \$73,062 11.7% \$29,210 \$35,879 \$32,920 \$43,879 n/a n/a n/a n/a n/a n/a n/a n/a -8.6% \$42,619 \$45,352 \$46,550 \$50,483		n/a n/a 856 24 54 4 26 4 n/a n/a n/a n/a 83 -10	82 46 a n/a a n/a	High school diploma or equivalent High school diploma or equivalent High school diploma or equivalent High school diploma or equivalent High school diploma or equivalent High school diploma or equivalent	None Less than 5 years None None None None None	None None Moderate-term on-the-job training	6 8 3 4 3 3 3 3 3 3	6 3 3 3 3	6 4 3 3 3	6 3 3 3 3	8 4 4 4 4
B C B+ C+ C+	NEXT NEXT NOW NOW NEXT NEXT NEXT NEXT	 51-3011 Bakers 51-3021 Butchers and Meat Cutters 51-3022 Meat, Poultry, and Fish Cutters and Trimmers 51-3023 Slaughterers and Meat Packers 51-3091 Food and Tobacco Roasting, Baking, and Drying Machine Operators 51-3092 Food Batchmakers 51-3093 Food Cooking Machine Operators and Tenders 51-3099 Food Processing Workers, All Other 	n/a n/a n/a n/a n/a 480 n/a	n/a n/a n/a n/a n/a 524 n/a n/a	n/a n/a n/a n/a n/a 44 n/a	n/a \$26,661 \$29,448 \$29,275 \$31,943 n/a \$27,315 \$29,750 \$29,599 \$31,875 n/a 9.2% \$32,414 \$35,280 \$35,547 \$38,723 n/a	n/a n/a n/a n/a	n/a 37 4 n/a n/a n/a n/a	a n/a a n/a a n/a a n/a a n/a a n/a 64 a n/a	No formal educational credential High school diploma or equivalent High school diploma or equivalent No formal educational credential	None None None None None None None None	Long-term on-the-job training Long-term on-the-job training Short-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training	3 3 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	3 3 3 3 3 3	3 4 3 3 3 4	3 3 3 3 3 3	4 4 3 3 4 4
C F C C D B	NEXT NEXT NEXT NEXT NEXT NEXT NEXT	51-4021 Extruding and Drawing Machine Setters, Operators, and Tenders, M 51-4023 Rolling Machine Setters, Operators, and Tenders, Metal and Plastic 51-4031 Cutting, Punching, and Press Machine Setters, Operators, and Tende 51-4033 Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Oper 51-4034 Lathe and Turning Machine Tool Setters, Operators, and Tenders, N 51-4035 Milling and Planing Machine Setters, Operators, and Tenders, Metal 51-4041 Machinists	72 n/a 80 n/a n/a n/a 107	n/a n/a 81 n/a n/a n/a 120	-3 n/a 1 n/a n/a n/a 13	-4.2% \$31,941 \$40,846 \$42,981 \$48,522 n/a n/a n/a n/a n/a n/a 1.3% \$31,927 \$38,402 \$38,095 \$45,136 n/a \$34,738 \$40,267 \$38,537 \$44,879 n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a 12.2% \$35,533 \$58,276 \$52,577 \$62,702	n/a n/a n/a	4 0 n/a n/a 6 0 n/a n/a n/a n/a n/a n/a n/a n/a	6 a n/a 9 a n/a a n/a a n/a 13	High school diploma or equivalent	None None None None None None	Moderate-term on-the-job training Long-term on-the-job training	3 3 3 3 3 3 3 3 4 3 3 3 4 4 3 3 3 3 4	3 3 3 3 3 3	3 4 3 4 3 4	3 3 3 4 3	4 4 4 4 4 4
C+ C C+ B C+ A D	NEXT NEXT NEXT NEXT NEXT NEXT NEXT NEXT	 51-4051 Metal-Refining Furnace Operators and Tenders 51-4071 Foundry Mold and Coremakers 51-4072 Molding, Coremaking, and Casting Machine Setters, Operators, and 51-4081 Multiple Machine Tool Setters, Operators, and Tenders, Metal and F 51-4111 Tool and Die Makers 51-4121 Welders, Cutters, Solderers, and Brazers 51-4122 Welding, Soldering, and Brazing Machine Setters, Operators, and Te 51-4193 Plating and Coating Machine Setters, Operators, and Tenders, Metal 	n/a n/a 190 232 n/a 737 n/a n/a	n/a n/a 198 261 n/a 834 n/a n/a	n/a n/a 8 29 n/a 97 n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a 4.2% \$30,606 \$36,843 \$35,931 \$40,889 12.5% \$26,727 \$32,188 \$32,782 \$37,480 n/a n/a n/a n/a n/a 13.2% \$34,225 \$40,478 \$42,694 \$47,946 n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	8 n/a	n/a n/a n/a n/a 13 1 17 3 n/a n/a 62 10 n/a n/a n/a n/a	a n/a 20 28 a n/a 0 93 a n/a	High school diploma or equivalent Postsecondary non-degree award High school diploma or equivalent High school diploma or equivalent High school diploma or equivalent	None None None None None None None	Moderate-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training Long-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	3 3 3 3 3 3 3	3 3 4 4 3 4	3 3 3 3 3 3	4 3 4 4 4 4 4
C F D C F	NEXT NEXT NEXT NEXT NEXT NOW NOW	51-4194 Tool Grinders, Filers, and Sharpeners 51-4199 Metal Workers and Plastic Workers, All Other 51-5111 Prepress Technicians and Workers 51-5112 Printing Press Operators 51-5113 Print Binding and Finishing Workers 51-6011 Laundry and Dry-Cleaning Workers 51-6021 Pressers, Textile, Garment, and Related Materials	n/a 78 n/a 109 n/a 178 n/a	n/a 76 n/a 89 n/a 170 n/a	n/a -2 n/a -20 n/a -8 n/a	n/a n/a n/a n/a n/a n/a -2.6% \$29,410 \$35,750 \$33,017 \$41,500 n/a n/a n/a n/a n/a -18.4% \$25,338 \$36,968 \$31,383 \$47,511 n/a n/a n/a n/a n/a -4.5% \$20,206 \$23,644 \$22,784 \$25,266 n/a n/a n/a n/a n/a	n/a 2 n/a 4 n/a	n/a n/a 5 0 n/a n/a 7 -2 n/a n/a 12 -1 n/a n/a	a n/a 7 a n/a 9 a n/a . 22	High school diploma or equivalent High school diploma or equivalent Postsecondary non-degree award High school diploma or equivalent High school diploma or equivalent No formal educational credential No formal educational credential	None None None None None None	Moderate-term on-the-job training Moderate-term on-the-job training None Moderate-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training Short-term on-the-job training	4 4 3 3 3 3 3 3 3 3 4 4 4	3 3 3 3 3 4	3 4 3 4 4 3 4	3 4 3 3 3 4	4 4 4 4 3 4

_	NOW	51-6031 Sewing Machine Operators	n/a	n/2	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/2	n/a	No formal educational credential	None	Short-term on-the-job training	2	2	2	2	2	2
г Б	NEXT	51-6041 Shoe and Leather Workers and Repairers	n/a	n/a n/a	n/a n/a	n/a n/a	n/a n/a	n/a n/a	n/a n/a	n/a n/a	n/a n/a	n/a n/a	n/a n/a	n/a n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	2	2	2	2	2	2
г С		·	11/a			٠,	n/a	n/a			٠,	n/a	n/a				_	ა ე	2	2	3	3	Л
r C	NEXT	51-6051 Sewers, Hand	11/ d	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	No formal educational credential	None	Moderate-term on-the-job training	ა ე	3 1	3	3	4	4
	NEXT	51-6052 Tailors, Dressmakers, and Custom Sewers	11/ d	11/d	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	No formal educational credential	None	Moderate-term on-the-job training	3	3 1	3	3	4	4
Γ,	NEXT	51-6062 Textile Cutting Machine Setters, Operators, and Tenders	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	3	4
n/a	NEXT	51-6091 Extruding and Forming Machine Setters, Operators, and Tenders, Sy	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	4	3	4
D	NEXT	51-6092 Fabric and Apparel Patternmakers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	4	3	4	4	5
С	NOW	51-6099 Textile, Apparel, and Furnishings Workers, All Other	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Short-term on-the-job training	3	3	3	3	3	3
В	NEXT	51-7011 Cabinetmakers and Bench Carpenters	96	110	14	14.6%	\$31,846	\$37,614 \$	38,819	\$44,955	4	6	1	11	High school diploma or equivalent	None	Moderate-term on-the-job training	3	4	3	4	3	4
D	NEXT	51-7041 Sawing Machine Setters, Operators, and Tenders, Wood	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	3	3
D	NEXT	51-7042 Woodworking Machine Setters, Operators, and Tenders, Except Sav	n/a	n/a	n/a	n/a	\$20,867	\$26,845 \$	24,586	\$29,643	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	4	3	3	3	3
C+	NEXT	51-8013 Power Plant Operators	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Long-term on-the-job training	3	4	3	5	3	5
С	NEXT	51-8021 Stationary Engineers and Boiler Operators	40	41	1	2.5%	\$34,270	\$38,255 \$	36,561	\$39,497	2	3	0	5	High school diploma or equivalent	None	Long-term on-the-job training	3	4	3	4	3	4
С	NEXT	51-8031 Water and Wastewater Treatment Plant and System Operators	208	187	-21	-10.1%	\$35,186	\$44,084 \$	40,914	\$50,849	6	12	-2	16	High school diploma or equivalent	None	Long-term on-the-job training	3	4	3	4	3	4
C	NEXT	51-8092 Gas Plant Operators	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Long-term on-the-job training	3	4	3	4	3	4
R	NEXT	51-8093 Petroleum Pump System Operators, Refinery Operators, and Gauge	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	⊿	3	4	4	4
C+	NEXT	51-8099 Plant and System Operators, All Other	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/2	n/a	٠,	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	1	3	1	2	1
C		51-9011 Chemical Equipment Operators and Tenders	11/ a	222	-13	-5.5%	\$33,136	\$38,706 \$	38,307	\$45,617	11/ a	10	n/a 1	11/a 22			Moderate-term on-the-job training	2	4	2	4	2	4
C	NEXT	· · ·	233		-13 17	0.00/			•		J	10	-1	24	High school diploma or equivalent	None	-	ა ე	4	2	4	3	4
В	NEXT	51-9012 Separating, Filtering, Clarifying, Precipitating, and Still Machine Sette	183	200	1/	9.3%	\$33,811		37,451	\$41,473	4	15	2	21	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	4	3	4
C	NEXT	51-9021 Crushing, Grinding, and Polishing Machine Setters, Operators, and T	93	91	-2	-2.2%	\$24,648	\$36,239 \$	35,770	\$45,850	3	/	0	10	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	3	4
C	NEXT	51-9022 Grinding and Polishing Workers, Hand	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	No formal educational credential	None	Moderate-term on-the-job training	3	3	3	3	3	4
C+	NEXT	51-9023 Mixing and Blending Machine Setters, Operators, and Tenders	108	116	8	7.4%	\$34,024		39,830	\$51,024	4	8	1	13	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	4	3	4
D	NEXT	51-9032 Cutting and Slicing Machine Setters, Operators, and Tenders	159	140	-19	-12.0%	\$33,898		36,744	\$39,590	7	11	-2	16	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	3	4
С	NEXT	51-9041 Extruding, Forming, Pressing, and Compacting Machine Setters, Ope	34	36	2	5.9%	\$23,860	\$32,313 \$	33,952	\$38,247	1	3	0	4	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	3	4
С	NEXT	51-9051 Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	3	4
C+	NEXT	51-9061 Inspectors, Testers, Sorters, Samplers, and Weighers	415	389	-26	-6.3%	\$34,068	\$43,052 \$	39,276	\$51,445	15	32	-3	44	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	4	3	4
C+	NEXT	51-9071 Jewelers and Precious Stone and Metal Workers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Long-term on-the-job training	3	3	3	3	3	4
C+	NEXT	51-9081 Dental Laboratory Technicians	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	4	3	4
С	NEXT	51-9082 Medical Appliance Technicians	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	4	4	4	4
B+	NEXT	51-9111 Packaging and Filling Machine Operators and Tenders	750	803	53	7.1%	\$32,833	\$36,142 \$	35,903	\$39,043	32	52	5	89	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	3	4
D	NEXT	51-9123 Painting, Coating, and Decorating Workers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	No formal educational credential	None	Moderate-term on-the-job training	3	3	3	3	3	4
C+	NEXT	51-9124 Coating, Painting, and Spraying Machine Setters, Operators, and Ter	125	133	8	6.4%	\$32,100	\$40,726 \$	38,063	\$47,820	4	9	1	14	High school diploma or equivalent	None	Moderate-term on-the-job training	6	6	6	6	6	8
n/a	NEXT	51-9141 Semiconductor Processors	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	4	3	1
F	NOW	51-9151 Photographic Process Workers and Processing Machine Operators	n/a	n/a	n/a	n/a	n/a	n/a	,	٠,	n/a	n/a		n/a	High school diploma or equivalent	None	Short-term on-the-job training	2	2	2	1	2	1
I D	NEXT	51-9161 Computer Numerically Controlled Tool Operators	n/a 363	204	11/a 21	n/a 8.5%	\$35,973	n/a \$41,293 \$	n/a 40,243	n/a \$46,839	11/ 0	11/a 20	n/a o	11/ a	High school diploma or equivalent		Moderate-term on-the-job training	ა ე	<i>3</i>	2	4	2	4
D .				394	21						15	20	1	44 -		None	,	ວ າ	4	2	4	3	4
D+	NEXT	51-9162 Computer Numerically Controlled Tool Programmers	33	41	0 / -	24.2%	\$47,784	\$60,928 \$	62,974	\$74,436	1/-	/-	1 / -	/-	Postsecondary non-degree award	None	Moderate-term on-the-job training	3	4	3	4	4	4
C+	NEXT	51-9192 Cleaning, Washing, and Metal Pickling Equipment Operators and Te	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	3	3
C+	NEXT	51-9193 Cooling and Freezing Equipment Operators and Tenders	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	3	3
D	NEXT	51-9195 Molders, Shapers, and Casters, Except Metal and Plastic	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Long-term on-the-job training	3	3	3	3	3	4
C+	NEXT	51-9196 Paper Goods Machine Setters, Operators, and Tenders	212	231	19	9.0%	\$32,429		35,264	\$38,157	10	15	2	27	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	3	4
D	NOW	51-9198 HelpersProduction Workers	97	82	-15	-15.5%	\$29,875	\$35,984 \$	35,320	\$42,625	4	8	-2	10	High school diploma or equivalent	None	Short-term on-the-job training	3	3	3	3	3	3
C+	NEXT	51-9199 Production Workers, All Other	151	163	12	8.0%	\$30,937	\$35,456 \$	35,421	\$38,914	5	12	1	18	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	4	3	4
		53-0000 Transportation and Material Moving Occupations	9,122	9,686	564	6.2%	\$24,265	\$34,491 \$	30,850	\$40,152	433	722	56	1,211									
В	NEXT	53-1047 FirstLine Supervisors of Transportation & Material Moving Workers,	270	278	0					1			1	20	High calcal dialogo or continulant					2	4	4	4
В	LATER	53-2011 Airline Pilots, Copilots, and Flight Engineers		270	0	3.0%	\$36,343	\$50,119 \$	45,447	\$62,289	10	19	1	30	High school diploma or equivalent	Less than 5 years	None	3	4	3	_	•	
В	NEXT		n/a	n/a	n/a	3.0% n/a	\$36,343 n/a	\$50,119 \$ n/a	45,447 n/a	\$62,289 n/a	10 n/a	19 n/a	n/a	n/a	Bachelor's degree	Less than 5 years Less than 5 years	None Moderate-term on-the-job training	3 5	4 5	6	6	5	6
		53-2012 Commercial Pilots	,	n/a n/a	n/a n/a	3.0% n/a n/a	\$36,343 n/a n/a	\$50,119 \$ n/a n/a	,		10 n/a n/a	19 n/a n/a	n/a n/a	n/a n/a		•		3 5 5	4 5 5	6 6	6 6	5 5	6 6
В	NEXT		,	n/a n/a n/a	n/a n/a n/a	3.0% n/a n/a n/a	\$36,343 n/a n/a n/a	n/a	n/a	n/a	10 n/a n/a n/a	19 n/a n/a n/a	n/a n/a n/a n/a	n/a n/a n/a n/a	Bachelor's degree	Less than 5 years	Moderate-term on-the-job training	3 5 5 4	4 5 5 5	6 6 6	6 6 6	5 5 5	6 6 6
B C+	NEXT NEXT	53-2012 Commercial Pilots	,	n/a n/a n/a n/a n/a	n/a n/a n/a n/a	3.0% n/a n/a n/a n/a	\$36,343 n/a n/a n/a n/a	n/a	n/a n/a	n/a	10 n/a n/a n/a n/a	19 n/a n/a n/a n/a	n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a	Bachelor's degree High school diploma or equivalent	Less than 5 years None	Moderate-term on-the-job training Moderate-term on-the-job training	3 5 5 4 3	4 5 5 5 4	6 6 6 4	6 6 6 5	5 5 5 5	6 6 6
B C+ B		53-2012 Commercial Pilots 53-2021 Air Traffic Controllers	,	n/a n/a n/a n/a n/a 872	n/a n/a n/a n/a n/a 18	3.0% n/a n/a n/a n/a 2.1%	\$36,343 n/a n/a n/a n/a \$22,453	n/a n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	10 n/a n/a n/a n/a 35	19 n/a n/a n/a n/a 58	n/a n/a	n/a n/a n/a n/a n/a 95	Bachelor's degree High school diploma or equivalent Associate degree	Less than 5 years None None	Moderate-term on-the-job training Moderate-term on-the-job training Long-term on-the-job training	3 5 5 4 3	4 5 5 5 4 3	6 6 6 4 3	6 6 5 3	5 5 5 5 4	6 6 6 4
B C+ B B		53-2012 Commercial Pilots53-2021 Air Traffic Controllers53-2022 Airfield Operations Specialists	,	n/a n/a n/a n/a	n/a n/a n/a n/a n/a 18	3.0% n/a n/a n/a n/a 2.1% 0.4%	n/a n/a n/a n/a	n/a n/a n/a n/a \$28,755 \$	n/a n/a n/a n/a	n/a n/a n/a n/a	10 n/a n/a n/a n/a 35 62	19 n/a n/a n/a n/a 58 102	n/a n/a	n/a n/a n/a n/a n/a 95	Bachelor's degree High school diploma or equivalent Associate degree High school diploma or equivalent	Less than 5 years None None None	Moderate-term on-the-job training Moderate-term on-the-job training Long-term on-the-job training Long-term on-the-job training	3 5 5 4 3 3	4 5 5 5 4 3 3	6 6 6 4 3 3	6 6 5 3 4	5 5 5 5 4 3	6 6 6 4 4
B C+ B B	NEXT NOW NEXT	 53-2012 Commercial Pilots 53-2021 Air Traffic Controllers 53-2022 Airfield Operations Specialists 53-3031 Driver/Sales Workers 53-3032 Heavy and Tractor-Trailer Truck Drivers 	n/a n/a n/a n/a 854	n/a n/a n/a n/a 872	n/a n/a n/a n/a n/a 18 6	n/a n/a n/a n/a 2.1% 0.4%	n/a n/a n/a n/a \$22,453	n/a n/a n/a n/a \$28,755 \$ \$45,439 \$	n/a n/a n/a n/a 25,034 43,252	n/a n/a n/a n/a \$30,807 \$56,850	10 n/a n/a n/a n/a 35 62 35	n/a n/a n/a n/a 58	n/a n/a	n/a n/a n/a 95	Bachelor's degree High school diploma or equivalent Associate degree High school diploma or equivalent High school diploma or equivalent Postsecondary non-degree award	Less than 5 years None None None None None None	Moderate-term on-the-job training Moderate-term on-the-job training Long-term on-the-job training Long-term on-the-job training Short-term on-the-job training Short-term on-the-job training	3 5 5 4 3 3 3	4 5 5 5 4 3 3	6 6 6 4 3 3	6 6 5 3 4	5 5 5 5 4 3 3	6 6 6 4 4 3
B C+ B B A	NEXT NOW NEXT NOW	 53-2012 Commercial Pilots 53-2021 Air Traffic Controllers 53-2022 Airfield Operations Specialists 53-3031 Driver/Sales Workers 53-3032 Heavy and Tractor-Trailer Truck Drivers 53-3033 Light Truck or Delivery Services Drivers 	n/a n/a n/a n/a 854 1,507 808	n/a n/a n/a n/a 872	n/a n/a n/a n/a 18 6 111	n/a n/a n/a n/a 2.1%	n/a n/a n/a n/a \$22,453 \$35,779	n/a n/a n/a n/a \$28,755 \$ \$45,439 \$	n/a n/a n/a n/a 25,034	n/a n/a n/a n/a \$30,807 \$56,850 \$59,629	10 n/a n/a n/a n/a 35 62 35 n/a	n/a n/a n/a n/a 58	n/a n/a n/a 2 1	n/a n/a n/a 95 165	Bachelor's degree High school diploma or equivalent Associate degree High school diploma or equivalent High school diploma or equivalent Postsecondary non-degree award High school diploma or equivalent	Less than 5 years None None None None None None None	Moderate-term on-the-job training Moderate-term on-the-job training Long-term on-the-job training Long-term on-the-job training Short-term on-the-job training Short-term on-the-job training	3 5 5 4 3 3 3	4 5 5 4 3 3 3	6 6 6 4 3 3 3	6 6 5 3 4 3	5 5 5 5 4 3 3	6 6 6 4 4 3 3
B C+ B B A B	NEXT NOW NEXT NOW NEXT	 53-2012 Commercial Pilots 53-2021 Air Traffic Controllers 53-2022 Airfield Operations Specialists 53-3031 Driver/Sales Workers 53-3032 Heavy and Tractor-Trailer Truck Drivers 53-3033 Light Truck or Delivery Services Drivers 53-3052 Bus Drivers, Transit and Intercity 	n/a n/a n/a n/a 854 1,507 808 n/a	n/a n/a n/a n/a 872	n/a	n/a n/a n/a n/a 2.1% 0.4% 13.7% n/a	n/a n/a n/a n/a \$22,453 \$35,779 \$25,611 n/a	n/a n/a n/a n/a \$28,755 \$ \$45,439 \$ \$43,622 \$ n/a	n/a n/a n/a n/a 25,034 43,252 42,777 n/a	n/a n/a n/a n/a \$30,807 \$56,850 \$59,629 n/a	10 n/a n/a n/a n/a 35 62 35 n/a	n/a n/a n/a 58 102	n/a n/a	n/a n/a n/a 95 165	Bachelor's degree High school diploma or equivalent Associate degree High school diploma or equivalent High school diploma or equivalent Postsecondary non-degree award High school diploma or equivalent High school diploma or equivalent	Less than 5 years None None None None None None None None	Moderate-term on-the-job training Moderate-term on-the-job training Long-term on-the-job training Long-term on-the-job training Short-term on-the-job training Short-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training	3 5 4 3 3 3 3	4 5 5 4 3 3 3	6 6 6 4 3 3 3	6 6 5 3 4 3 4	5 5 5 4 3 3 3	6 6 6 4 4 3 3
B C+ B A A C	NEXT NOW NEXT NOW NEXT NOW	53-2012 Commercial Pilots 53-2021 Air Traffic Controllers 53-2022 Airfield Operations Specialists 53-3031 Driver/Sales Workers 53-3032 Heavy and Tractor-Trailer Truck Drivers 53-3033 Light Truck or Delivery Services Drivers 53-3052 Bus Drivers, Transit and Intercity 53-3058 Passenger Vehicle Drivers, Except Bus Drivers, Transit and Intercity	n/a n/a n/a n/a 854 1,507 808	n/a n/a n/a n/a 872 1,513 919 n/a	,	n/a n/a n/a n/a 2.1% 0.4%	n/a n/a n/a n/a \$22,453 \$35,779	n/a n/a n/a n/a \$28,755 \$ \$45,439 \$ \$43,622 \$ n/a	n/a n/a n/a n/a 25,034 43,252	n/a n/a n/a n/a \$30,807 \$56,850 \$59,629	10 n/a n/a n/a n/a 35 62 35 n/a 44 n/a	n/a n/a n/a n/a 58 102	n/a n/a n/a 2 1 11 n/a	n/a n/a n/a 95 165	Bachelor's degree High school diploma or equivalent Associate degree High school diploma or equivalent High school diploma or equivalent Postsecondary non-degree award High school diploma or equivalent High school diploma or equivalent No formal educational credential	Less than 5 years None None None None None None None None	Moderate-term on-the-job training Moderate-term on-the-job training Long-term on-the-job training Long-term on-the-job training Short-term on-the-job training Short-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training	3 5 4 3 3 3 3 3	4 5 5 4 3 3 3 3	6 6 6 4 3 3 3 4	6 6 5 3 4 3 4 4	5 5 5 5 4 3 3 3	6 6 6 4 4 3 3
B B A B A	NEXT NOW NEXT NOW NEXT NOW	53-2012 Commercial Pilots 53-2021 Air Traffic Controllers 53-2022 Airfield Operations Specialists 53-3031 Driver/Sales Workers 53-3032 Heavy and Tractor-Trailer Truck Drivers 53-3033 Light Truck or Delivery Services Drivers 53-3052 Bus Drivers, Transit and Intercity 53-3058 Passenger Vehicle Drivers, Except Bus Drivers, Transit and Intercity 53-3099 Motor Vehicle Operators, All Other	n/a n/a n/a n/a 854 1,507 808 n/a	n/a n/a n/a n/a 872 1,513 919 n/a	n/a	n/a n/a n/a n/a 2.1% 0.4% 13.7% n/a	n/a n/a n/a n/a \$22,453 \$35,779 \$25,611 n/a	n/a n/a n/a n/a \$28,755 \$ \$45,439 \$ \$43,622 \$ n/a	n/a n/a n/a n/a 25,034 43,252 42,777 n/a	n/a n/a n/a n/a \$30,807 \$56,850 \$59,629 n/a \$37,842	10 n/a n/a n/a n/a 35 62 35 n/a 44 n/a n/a	n/a n/a n/a 58 102 59 n/a	n/a n/a n/a 2 1 11 n/a 13 n/a	n/a n/a n/a 95 165 105 n/a 91 n/a	Bachelor's degree High school diploma or equivalent Associate degree High school diploma or equivalent High school diploma or equivalent Postsecondary non-degree award High school diploma or equivalent High school diploma or equivalent No formal educational credential No formal educational credential	Less than 5 years None None None None None None None None	Moderate-term on-the-job training Moderate-term on-the-job training Long-term on-the-job training Long-term on-the-job training Short-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training Short-term on-the-job training	3 5 4 3 3 3 3 3 3	4 5 5 4 3 3 3 3 3	6 6 6 4 3 3 3 4 3	6 6 5 3 4 3 4 4 3	5 5 5 4 3 3 3 4	6 6 6 4 4 3 3 3 4
B B A B A C	NEXT NOW NEXT NOW NEXT NOW NOW NEXT	53-2012 Commercial Pilots 53-2021 Air Traffic Controllers 53-2022 Airfield Operations Specialists 53-3031 Driver/Sales Workers 53-3032 Heavy and Tractor-Trailer Truck Drivers 53-3033 Light Truck or Delivery Services Drivers 53-3052 Bus Drivers, Transit and Intercity 53-3058 Passenger Vehicle Drivers, Except Bus Drivers, Transit and Intercity 53-3099 Motor Vehicle Operators, All Other 53-4011 Locomotive Engineers	n/a n/a n/a n/a 854 1,507 808 n/a	n/a n/a n/a n/a 872 1,513 919 n/a	n/a	n/a n/a n/a n/a 2.1% 0.4% 13.7% n/a	n/a n/a n/a n/a \$22,453 \$35,779 \$25,611 n/a	n/a n/a n/a n/a \$28,755 \$ \$45,439 \$ \$43,622 \$ n/a	n/a n/a n/a n/a 25,034 43,252 42,777 n/a 26,065 n/a	n/a n/a n/a n/a \$30,807 \$56,850 \$59,629 n/a \$37,842 n/a	10 n/a n/a n/a n/a 35 62 35 n/a 44 n/a n/a n/a	n/a n/a n/a 58 102 59 n/a 34	n/a n/a n/a 2 1 11 n/a 13 n/a n/a	n/a n/a n/a 95 165	Bachelor's degree High school diploma or equivalent Associate degree High school diploma or equivalent High school diploma or equivalent Postsecondary non-degree award High school diploma or equivalent High school diploma or equivalent No formal educational credential No formal educational credential High school diploma or equivalent	Less than 5 years None None None None None None None None	Moderate-term on-the-job training Moderate-term on-the-job training Long-term on-the-job training Long-term on-the-job training Short-term on-the-job training Short-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training Short-term on-the-job training	3 5 4 3 3 3 3 3 3	4 5 5 4 3 3 3 3 3	6 6 4 3 3 3 4 3 3	6 6 5 3 4 3 4 3 4	5 5 5 4 3 3 3 4 3	6 6 6 4 4 3 3 4 4
B B A B A C n/a	NEXT NOW NEXT NOW NEXT NOW NOW NEXT NEXT	53-2012 Commercial Pilots 53-2021 Air Traffic Controllers 53-2022 Airfield Operations Specialists 53-3031 Driver/Sales Workers 53-3032 Heavy and Tractor-Trailer Truck Drivers 53-3033 Light Truck or Delivery Services Drivers 53-3052 Bus Drivers, Transit and Intercity 53-3058 Passenger Vehicle Drivers, Except Bus Drivers, Transit and Intercity 53-3099 Motor Vehicle Operators, All Other 53-4011 Locomotive Engineers 53-4013 Rail Yard Engineers, Dinkey Operators, and Hostlers	n/a n/a n/a n/a 854 1,507 808 n/a	n/a n/a n/a n/a 872 1,513 919 n/a	n/a	n/a n/a n/a n/a 2.1% 0.4% 13.7% n/a	n/a n/a n/a n/a \$22,453 \$35,779 \$25,611 n/a	n/a n/a n/a n/a \$28,755 \$ \$45,439 \$ \$43,622 \$ n/a	n/a n/a n/a n/a 25,034 43,252 42,777 n/a 26,065 n/a n/a	n/a n/a n/a n/a \$30,807 \$56,850 \$59,629 n/a \$37,842 n/a	10 n/a n/a n/a n/a 35 62 35 n/a 44 n/a n/a n/a	n/a n/a n/a 58 102 59 n/a 34 n/a	n/a n/a n/a 2 1 11 n/a 13 n/a n/a n/a	n/a n/a n/a 95 165 105 n/a 91 n/a	Bachelor's degree High school diploma or equivalent Associate degree High school diploma or equivalent High school diploma or equivalent Postsecondary non-degree award High school diploma or equivalent High school diploma or equivalent No formal educational credential No formal educational credential High school diploma or equivalent High school diploma or equivalent	Less than 5 years None None None None None None None None	Moderate-term on-the-job training Moderate-term on-the-job training Long-term on-the-job training Long-term on-the-job training Short-term on-the-job training Short-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training	3 5 4 3 3 3 3 3 3	4 5 5 4 3 3 3 3 3 3	6 6 6 4 3 3 3 4 3 3	6 6 5 3 4 3 4 3 6	5 5 5 4 3 3 3 4 3	6 6 6 4 4 3 3 4 4 4
B B A B A C n/a n/a	NEXT NOW NEXT NOW NEXT NOW NOW NEXT NEXT	53-2012 Commercial Pilots 53-2021 Air Traffic Controllers 53-2022 Airfield Operations Specialists 53-3031 Driver/Sales Workers 53-3032 Heavy and Tractor-Trailer Truck Drivers 53-3033 Light Truck or Delivery Services Drivers 53-3052 Bus Drivers, Transit and Intercity 53-3058 Passenger Vehicle Drivers, Except Bus Drivers, Transit and Intercity 53-3099 Motor Vehicle Operators, All Other 53-4011 Locomotive Engineers 53-4013 Rail Yard Engineers, Dinkey Operators, and Hostlers 53-4022 Railroad Brake, Signal, and Switch Operators and Locomotive Firers	n/a n/a n/a n/a 854 1,507 808 n/a	n/a n/a n/a n/a 872 1,513 919 n/a	n/a	n/a n/a n/a n/a 2.1% 0.4% 13.7% n/a	n/a n/a n/a n/a \$22,453 \$35,779 \$25,611 n/a	n/a n/a n/a n/a s28,755 \$ \$45,439 \$ \$43,622 \$ n/a \$30,062 \$ n/a n/a n/a n/a	n/a n/a n/a n/a 25,034 43,252 42,777 n/a 26,065 n/a	n/a n/a n/a n/a \$30,807 \$56,850 \$59,629 n/a \$37,842 n/a	10 n/a n/a n/a n/a 35 62 35 n/a 44 n/a n/a n/a n/a	n/a n/a n/a 58 102 59 n/a 34 n/a n/a n/a	n/a n/a n/a 2 1 11 n/a 13 n/a n/a n/a n/a	n/a n/a n/a 95 165 105 n/a 91 n/a	Bachelor's degree High school diploma or equivalent Associate degree High school diploma or equivalent High school diploma or equivalent Postsecondary non-degree award High school diploma or equivalent High school diploma or equivalent No formal educational credential No formal educational credential High school diploma or equivalent High school diploma or equivalent High school diploma or equivalent	Less than 5 years None None None None None None None None	Moderate-term on-the-job training Moderate-term on-the-job training Long-term on-the-job training Long-term on-the-job training Short-term on-the-job training Short-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training	3 5 4 3 3 3 3 3 3 3 3	4 5 5 4 3 3 3 3 3 3 6	6 6 6 4 3 3 3 4 3 3 4	6 6 5 3 4 3 4 3 6 4	5 5 5 4 3 3 3 4 3 6	6 6 6 4 4 3 3 4 4 4 8
B B A B A C n/a	NEXT NOW NEXT NOW NEXT NOW NOW NEXT NEXT	 53-2012 Commercial Pilots 53-2021 Air Traffic Controllers 53-2022 Airfield Operations Specialists 53-3031 Driver/Sales Workers 53-3032 Heavy and Tractor-Trailer Truck Drivers 53-3033 Light Truck or Delivery Services Drivers 53-3052 Bus Drivers, Transit and Intercity 53-3058 Passenger Vehicle Drivers, Except Bus Drivers, Transit and Intercity 53-3099 Motor Vehicle Operators, All Other 53-4011 Locomotive Engineers 53-4013 Rail Yard Engineers, Dinkey Operators, and Hostlers 53-4022 Railroad Brake, Signal, and Switch Operators and Locomotive Firers 53-4031 Railroad Conductors and Yardmasters 	n/a n/a n/a n/a 854 1,507 808 n/a	n/a n/a n/a n/a 872 1,513 919 n/a	n/a	n/a n/a n/a n/a 2.1% 0.4% 13.7% n/a	n/a n/a n/a n/a \$22,453 \$35,779 \$25,611 n/a	n/a n/a n/a n/a \$28,755 \$ \$45,439 \$ \$43,622 \$ n/a	n/a n/a n/a n/a 25,034 43,252 42,777 n/a 26,065 n/a n/a	n/a n/a n/a n/a \$30,807 \$56,850 \$59,629 n/a \$37,842 n/a	10 n/a n/a n/a n/a 35 62 35 n/a 44 n/a n/a n/a n/a	n/a n/a n/a 58 102 59 n/a 34 n/a	n/a n/a n/a 2 1 11 n/a 13 n/a n/a n/a	n/a n/a n/a 95 165 105 n/a 91 n/a	Bachelor's degree High school diploma or equivalent Associate degree High school diploma or equivalent High school diploma or equivalent Postsecondary non-degree award High school diploma or equivalent High school diploma or equivalent No formal educational credential No formal educational credential High school diploma or equivalent	Less than 5 years None None None None None None None None	Moderate-term on-the-job training Moderate-term on-the-job training Long-term on-the-job training Long-term on-the-job training Short-term on-the-job training Short-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training	3 5 4 3 3 3 3 3 3 3 6 3	4 5 5 4 3 3 3 3 3 3 6 3	6 6 6 4 3 3 3 4 3 3 3 4	6 6 5 3 4 3 4 3 6 4	5 5 5 4 3 3 3 4 3 6 3	6 6 6 4 4 3 3 4 4 4 4 8
B B A B A C n/a n/a	NEXT NOW NEXT NOW NEXT NOW NOW NEXT NEXT	 53-2012 Commercial Pilots 53-2021 Air Traffic Controllers 53-2022 Airfield Operations Specialists 53-3031 Driver/Sales Workers 53-3032 Heavy and Tractor-Trailer Truck Drivers 53-3033 Light Truck or Delivery Services Drivers 53-3052 Bus Drivers, Transit and Intercity 53-3058 Passenger Vehicle Drivers, Except Bus Drivers, Transit and Intercity 53-3099 Motor Vehicle Operators, All Other 53-4011 Locomotive Engineers 53-4013 Rail Yard Engineers, Dinkey Operators, and Hostlers 53-4022 Railroad Brake, Signal, and Switch Operators and Locomotive Firers 53-4031 Railroad Conductors and Yardmasters 53-4099 Rail Transportation Workers, All Other 	n/a n/a n/a n/a 854 1,507 808 n/a	n/a n/a n/a n/a 872 1,513 919 n/a	n/a	n/a n/a n/a n/a 2.1% 0.4% 13.7% n/a	n/a n/a n/a n/a \$22,453 \$35,779 \$25,611 n/a	n/a n/a n/a n/a s28,755 \$ \$45,439 \$ \$43,622 \$ n/a \$30,062 \$ n/a n/a n/a n/a	n/a n/a n/a n/a 25,034 43,252 42,777 n/a 26,065 n/a n/a	n/a n/a n/a n/a \$30,807 \$56,850 \$59,629 n/a \$37,842 n/a	10 n/a n/a n/a n/a 35 62 35 n/a 44 n/a n/a n/a n/a n/a	n/a n/a n/a 58 102 59 n/a 34 n/a n/a n/a	n/a n/a n/a 2 1 11 n/a 13 n/a n/a n/a n/a	n/a n/a n/a 95 165 105 n/a 91 n/a	Bachelor's degree High school diploma or equivalent Associate degree High school diploma or equivalent High school diploma or equivalent Postsecondary non-degree award High school diploma or equivalent High school diploma or equivalent No formal educational credential No formal educational credential High school diploma or equivalent	Less than 5 years None None None None None None None None	Moderate-term on-the-job training Moderate-term on-the-job training Long-term on-the-job training Long-term on-the-job training Short-term on-the-job training Short-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training	3 5 4 3 3 3 3 3 3 3 3 3 3	4 5 5 4 3 3 3 3 3 3 6 3 3	6 6 6 4 3 3 3 4 3 3 4 3 3 4 3 4 3	6 6 5 3 4 3 4 3 6 4 3	5 5 5 5 4 3 3 3 4 3 6 3	6 6 6 4 4 3 3 4 4 4 4 4 8
B B A B A C n/a n/a	NEXT NOW NEXT NOW NEXT NOW NOW NEXT NEXT	53-2021 Air Traffic Controllers 53-2022 Airfield Operations Specialists 53-3031 Driver/Sales Workers 53-3032 Heavy and Tractor-Trailer Truck Drivers 53-3033 Light Truck or Delivery Services Drivers 53-3052 Bus Drivers, Transit and Intercity 53-3058 Passenger Vehicle Drivers, Except Bus Drivers, Transit and Intercity 53-3099 Motor Vehicle Operators, All Other 53-4011 Locomotive Engineers 53-4013 Rail Yard Engineers, Dinkey Operators, and Hostlers 53-4022 Railroad Brake, Signal, and Switch Operators and Locomotive Firers 53-4031 Railroad Conductors and Yardmasters 53-4099 Rail Transportation Workers, All Other 53-6021 Parking Lot Attendants	n/a n/a n/a n/a 854 1,507 808 n/a 612 n/a n/a n/a n/a n/a	n/a n/a n/a n/a 872 1,513 919 n/a 740 n/a n/a n/a n/a n/a	n/a 128 n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a 2.1% 0.4% 13.7% n/a 20.9% n/a n/a n/a n/a n/a n/a	n/a n/a n/a s22,453 \$35,779 \$25,611 n/a \$20,079 n/a n/a n/a n/a	n/a n/a n/a n/a s28,755 \$ \$45,439 \$ \$43,622 \$ n/a \$30,062 \$ n/a n/a n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a 25,034 43,252 42,777 n/a 26,065 n/a n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a s30,807 \$56,850 \$59,629 n/a \$37,842 n/a n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a 35 62 35 n/a 44 n/a n/a n/a n/a n/a n/a	n/a n/a n/a 58 102 59 n/a 34 n/a n/a n/a n/a n/a n/a	n/a n/a n/a 2 1 11 n/a 13 n/a n/a n/a n/a n/a n/a n/a	n/a n/a n/a 95 165 105 n/a 91 n/a	Bachelor's degree High school diploma or equivalent Associate degree High school diploma or equivalent High school diploma or equivalent Postsecondary non-degree award High school diploma or equivalent High school diploma or equivalent No formal educational credential No formal educational credential High school diploma or equivalent On formal educational credential	Less than 5 years None None None None None None None None	Moderate-term on-the-job training Moderate-term on-the-job training Long-term on-the-job training Long-term on-the-job training Short-term on-the-job training Short-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training	3 5 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	4 5 5 4 3 3 3 3 3 3 3 3 3 3 3 3	6 6 6 4 3 3 3 4 3 3 4 3 4 3 4 3 4 4 3 4	6 6 5 3 4 3 4 3 6 4 3 4	5 5 5 5 4 3 3 3 4 3 6 3 4 4	6 6 6 4 4 3 3 4 4 4 4 4 4 4
B B A B A C n/a n/a	NEXT NOW NEXT NOW NEXT NOW NEXT NEXT NEXT NEXT NEXT NOW NOW	53-2021 Air Traffic Controllers 53-2022 Airfield Operations Specialists 53-3031 Driver/Sales Workers 53-3032 Heavy and Tractor-Trailer Truck Drivers 53-3033 Light Truck or Delivery Services Drivers 53-3052 Bus Drivers, Transit and Intercity 53-3058 Passenger Vehicle Drivers, Except Bus Drivers, Transit and Intercity 53-3099 Motor Vehicle Operators, All Other 53-4011 Locomotive Engineers 53-4013 Rail Yard Engineers, Dinkey Operators, and Hostlers 53-4022 Railroad Brake, Signal, and Switch Operators and Locomotive Firers 53-4031 Rail Transportation Workers, All Other 53-6021 Parking Lot Attendants 53-6031 Automotive and Watercraft Service Attendants	n/a n/a n/a n/a 854 1,507 808 n/a 612 n/a n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a 872 1,513 919 n/a 740 n/a n/a n/a n/a n/a n/a n/a	n/a 128 n/a n/a n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a 2.1% 0.4% 13.7% n/a 20.9% n/a n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a \$22,453 \$35,779 \$25,611 n/a \$20,079 n/a n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a \$28,755 \$ \$45,439 \$ \$43,622 \$ n/a \$30,062 \$ n/a n/a n/a n/a n/a n/a n/a n/a s23,956 \$	n/a n/a n/a n/a n/a 25,034 43,252 42,777 n/a 26,065 n/a	n/a n/a n/a n/a n/a s30,807 \$56,850 \$59,629 n/a \$37,842 n/a n/a n/a n/a n/a n/a s25,375	n/a n/a n/a n/a 35 62 35 n/a 44 n/a n/a n/a n/a n/a n/a	n/a n/a n/a 58 102 59 n/a 34 n/a n/a n/a n/a n/a n/a	n/a n/a n/a 2 1 11 n/a 13 n/a n/a n/a n/a n/a n/a n/a n/a	n/a n/a n/a 95 165 105 n/a 91 n/a n/a n/a n/a n/a n/a	Bachelor's degree High school diploma or equivalent Associate degree High school diploma or equivalent High school diploma or equivalent Postsecondary non-degree award High school diploma or equivalent No formal educational credential No formal educational credential High school diploma or equivalent No formal educational credential No formal educational credential	Less than 5 years None None None None None None None None	Moderate-term on-the-job training Moderate-term on-the-job training Long-term on-the-job training Long-term on-the-job training Short-term on-the-job training Short-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training	3 5 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	4 5 5 4 3 3 3 3 3 3 3 3 3 3 3 3	6 6 6 4 3 3 3 4 3 3 6 4 3 4 3 3	6 6 5 3 4 3 4 3 6 4 3 4 3	5 5 5 5 4 3 3 3 4 3 6 3 4 4 3	6 6 6 4 4 3 3 4 4 4 4 8 4 4 4 3
B B A B A C n/a n/a	NEXT NOW NEXT NOW NEXT NOW NEXT NEXT NEXT NEXT NEXT NOW NOW	 53-2021 Air Traffic Controllers 53-2022 Airfield Operations Specialists 53-3031 Driver/Sales Workers 53-3032 Heavy and Tractor-Trailer Truck Drivers 53-3033 Light Truck or Delivery Services Drivers 53-3052 Bus Drivers, Transit and Intercity 53-3058 Passenger Vehicle Drivers, Except Bus Drivers, Transit and Intercity 53-3099 Motor Vehicle Operators, All Other 53-4011 Locomotive Engineers 53-4013 Rail Yard Engineers, Dinkey Operators, and Hostlers 53-4022 Railroad Brake, Signal, and Switch Operators and Locomotive Firers 53-4031 Rail Transportation Workers, All Other 53-6021 Parking Lot Attendants 53-6031 Automotive and Watercraft Service Attendants 53-6041 Traffic Technicians 	n/a n/a n/a n/a 854 1,507 808 n/a 612 n/a n/a n/a n/a n/a	n/a n/a n/a n/a 872 1,513 919 n/a 740 n/a n/a n/a n/a n/a	n/a 128 n/a n/a n/a n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a 2.1% 0.4% 13.7% n/a 20.9% n/a n/a n/a n/a n/a n/a	n/a n/a n/a s22,453 \$35,779 \$25,611 n/a \$20,079 n/a n/a n/a n/a	n/a n/a n/a n/a n/a s28,755 \$ \$45,439 \$ \$43,622 \$ n/a \$30,062 \$ n/a	n/a n/a n/a n/a 25,034 43,252 42,777 n/a 26,065 n/a	n/a n/a n/a n/a n/a s30,807 \$56,850 \$59,629 n/a \$37,842 n/a	n/a n/a n/a n/a 35 62 35 n/a 44 n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a 58 102 59 n/a 34 n/a n/a n/a n/a n/a n/a n/a	n/a n/a n/a 2 1 11 n/a 13 n/a n/a n/a n/a n/a n/a n/a n/a	n/a n/a n/a 95 165 105 n/a 91 n/a	Bachelor's degree High school diploma or equivalent Associate degree High school diploma or equivalent High school diploma or equivalent Postsecondary non-degree award High school diploma or equivalent High school diploma or equivalent No formal educational credential No formal educational credential High school diploma or equivalent No formal educational credential No formal educational credential No formal educational credential	Less than 5 years None None None None None None None None	Moderate-term on-the-job training Moderate-term on-the-job training Long-term on-the-job training Long-term on-the-job training Short-term on-the-job training Short-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training	3 5 4 3 3 3 3 3 3 3 3 3 3 3 3 3 5	4 5 5 4 3 3 3 3 3 3 3 3 3 3 3 5	6 6 6 4 3 3 3 4 3 3 6 4 3 4 3 4 3 4 3	6 6 5 3 4 3 4 3 6 4 3 4 3 4	5 5 5 5 4 3 3 3 4 3 6 3 4 4 3 4	6 6 6 4 4 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4
B B A C n/a n/a n/a A C C C C	NEXT NOW NEXT NOW NEXT NOW NEXT NEXT NEXT NEXT NEXT NOW NOW	 53-2012 Commercial Pilots 53-2021 Air Traffic Controllers 53-2022 Airfield Operations Specialists 53-3031 Driver/Sales Workers 53-3032 Heavy and Tractor-Trailer Truck Drivers 53-3033 Light Truck or Delivery Services Drivers 53-3052 Bus Drivers, Transit and Intercity 53-3058 Passenger Vehicle Drivers, Except Bus Drivers, Transit and Intercity 53-3099 Motor Vehicle Operators, All Other 53-4011 Locomotive Engineers 53-4013 Rail Yard Engineers, Dinkey Operators, and Hostlers 53-4022 Railroad Brake, Signal, and Switch Operators and Locomotive Firers 53-4099 Rail Transportation Workers, All Other 53-6021 Parking Lot Attendants 53-6031 Automotive and Watercraft Service Attendants 53-6041 Traffic Technicians 53-6051 Transportation Inspectors 	n/a n/a n/a n/a 854 1,507 808 n/a 612 n/a n/a n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a 872 1,513 919 n/a 740 n/a n/a n/a n/a n/a n/a n/a	n/a 128 n/a	n/a n/a n/a n/a 2.1% 0.4% 13.7% n/a 20.9% n/a n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a \$22,453 \$35,779 \$25,611 n/a \$20,079 n/a n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a \$28,755 \$ \$45,439 \$ \$43,622 \$ n/a \$30,062 \$ n/a n/a n/a n/a n/a n/a n/a n/a s23,956 \$	n/a n/a n/a n/a n/a 25,034 43,252 42,777 n/a 26,065 n/a	n/a n/a n/a n/a n/a s30,807 \$56,850 \$59,629 n/a \$37,842 n/a	n/a n/a n/a n/a 35 62 35 n/a 44 n/a n/a n/a n/a n/a n/a	n/a n/a n/a 58 102 59 n/a 34 n/a n/a n/a n/a n/a n/a n/a n/a	n/a n/a n/a 2 1 11 n/a 13 n/a	n/a n/a n/a 95 165 105 n/a 91 n/a n/a n/a n/a n/a n/a	Bachelor's degree High school diploma or equivalent Associate degree High school diploma or equivalent High school diploma or equivalent Postsecondary non-degree award High school diploma or equivalent High school diploma or equivalent No formal educational credential No formal educational credential High school diploma or equivalent No formal educational credential No formal educational credential No formal educational credential High school diploma or equivalent	Less than 5 years None None None None None None None None	Moderate-term on-the-job training Moderate-term on-the-job training Long-term on-the-job training Short-term on-the-job training Short-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training	3 5 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	4 5 5 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	6 6 6 4 3 3 3 4 3 3 4 3 4 3 4 3 4 3 4 3	6 6 5 3 4 3 4 3 6 4 3 4 3 4 3 4 3	5 5 5 5 4 3 3 3 4 3 6 3 4 4 3 4 3 4 3	6 6 6 4 4 3 3 4 4 4 4 4 3 4 4 4 3 4 4 3 4 4 3
B B A B A C n/a n/a	NEXT NOW NEXT NOW NEXT NOW NEXT NEXT NEXT NEXT NOW NOW NEXT NOW	53-2012 Commercial Pilots 53-2021 Air Traffic Controllers 53-2022 Airfield Operations Specialists 53-3031 Driver/Sales Workers 53-3032 Heavy and Tractor-Trailer Truck Drivers 53-3033 Light Truck or Delivery Services Drivers 53-3052 Bus Drivers, Transit and Intercity 53-3058 Passenger Vehicle Drivers, Except Bus Drivers, Transit and Intercity 53-3099 Motor Vehicle Operators, All Other 53-4011 Locomotive Engineers 53-4013 Rail Yard Engineers, Dinkey Operators, and Hostlers 53-4022 Railroad Brake, Signal, and Switch Operators and Locomotive Firers 53-4031 Railroad Conductors and Yardmasters 53-4099 Rail Transportation Workers, All Other 53-6021 Parking Lot Attendants 53-6031 Automotive and Watercraft Service Attendants 53-6041 Traffic Technicians 53-6051 Transportation Inspectors 53-6061 Transportation Attendants, Except Flight Attendants	n/a n/a n/a n/a 854 1,507 808 n/a 612 n/a	n/a n/a n/a n/a 872 1,513 919 n/a 740 n/a n/a n/a n/a n/a n/a n/a	n/a 128 n/a	n/a n/a n/a n/a 2.1% 0.4% 13.7% n/a 20.9% n/a n/a n/a n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a s22,453 \$35,779 \$25,611 n/a \$20,079 n/a	n/a n/a n/a n/a n/a s28,755 \$ \$45,439 \$ \$43,622 \$ n/a \$30,062 \$ n/a	n/a n/a n/a n/a n/a 25,034 43,252 42,777 n/a 26,065 n/a	n/a n/a n/a n/a n/a s30,807 \$56,850 \$59,629 n/a \$37,842 n/a	n/a n/a n/a n/a 35 62 35 n/a 44 n/a n/a n/a n/a n/a n/a n/a	n/a n/a n/a 58 102 59 n/a 34 n/a	n/a n/a n/a 2 1 11 n/a 13 n/a	n/a n/a n/a 95 165 105 n/a 91 n/a n/a n/a n/a n/a n/a	Bachelor's degree High school diploma or equivalent Associate degree High school diploma or equivalent High school diploma or equivalent Postsecondary non-degree award High school diploma or equivalent High school diploma or equivalent No formal educational credential No formal educational credential High school diploma or equivalent No formal educational credential No formal educational credential No formal educational credential High school diploma or equivalent High school diploma or equivalent High school diploma or equivalent	Less than 5 years None None None None None None None None	Moderate-term on-the-job training Moderate-term on-the-job training Long-term on-the-job training Short-term on-the-job training Short-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training	3 5 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	4 5 5 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	6 6 6 4 3 3 3 4 3 6 4 3 4 3 4 3 4 3 3	6 6 5 3 4 3 4 3 6 4 3 4 3 4 3 4 3 4 3 4 3 4 3	5 5 5 5 4 3 3 3 4 3 6 3 4 4 3 4 3 4 3 4	6 6 6 4 4 3 3 4 4 4 4 4 3 4 4 4 3 4
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B B A B A C n/a n/a n/a A C C C C n/a C+ n/a B B	NEXT NOW NEXT NOW NEXT NOW NEXT NEXT NEXT NEXT NEXT NEXT NOW NOW NEXT NOW NOW NEXT NOW	53-2012 Commercial Pilots 53-2021 Air Traffic Controllers 53-2022 Airfield Operations Specialists 53-3031 Driver/Sales Workers 53-3032 Heavy and Tractor-Trailer Truck Drivers 53-3033 Light Truck or Delivery Services Drivers 53-3052 Bus Drivers, Transit and Intercity 53-3058 Passenger Vehicle Drivers, Except Bus Drivers, Transit and Intercity 53-3099 Motor Vehicle Operators, All Other 53-4011 Locomotive Engineers 53-4013 Rail Yard Engineers, Dinkey Operators, and Hostlers 53-4022 Railroad Brake, Signal, and Switch Operators and Locomotive Firers 53-4031 Railroad Conductors and Yardmasters 53-4099 Rail Transportation Workers, All Other 53-6021 Parking Lot Attendants 53-6031 Automotive and Watercraft Service Attendants 53-6041 Traffic Technicians 53-6051 Transportation Inspectors 53-6061 Transportation Attendants, Except Flight Attendants 53-6098 Aircraft Service Attendants and Transportation Workers, All Other 53-7011 Conveyor Operators and Tenders 53-7021 Crane and Tower Operators 53-7031 Dredge Operators 53-7051 Industrial Truck and Tractor Operators 53-7062 Laborers and Freight, Stock, and Material Movers, Hand 53-7063 Machine Feeders and Offbearers	n/a n/a n/a n/a 854 1,507 808 n/a 612 n/a	n/a n/a n/a n/a 872 1,513 919 n/a 740 n/a n/a n/a n/a n/a n/a n/a n/a n/a 1,7a 1,7a 310 1,784	n/a 128 n/a	n/a n/a n/a n/a 2.1% 0.4% 13.7% n/a 20.9% n/a	n/a n/a n/a n/a n/a s22,453 \$35,779 \$25,611 n/a \$20,079 n/a	n/a n/a n/a n/a \$28,755 \$ \$45,439 \$ \$43,622 \$ n/a \$30,062 \$ n/a	n/a n/a n/a n/a n/a n/a 25,034 43,252 42,777 n/a 26,065 n/a	n/a n/a n/a n/a n/a s30,807 \$56,850 \$59,629 n/a \$37,842 n/a n/a n/a n/a n/a n/a n/a n/a n/a s25,375 n/a n/a n/a n/a s41,723 \$37,587	n/a n/a n/a n/a 35 62 35 n/a 44 n/a	n/a n/a n/a n/a 58 102 59 n/a 34 n/a	n/a n/a n/a n/a 2 1 11 n/a 13 n/a	n/a n/a n/a 95 165 105 n/a 91 n/a	Bachelor's degree High school diploma or equivalent Associate degree High school diploma or equivalent High school diploma or equivalent Postsecondary non-degree award High school diploma or equivalent No formal educational credential No formal educational credential High school diploma or equivalent No formal educational credential No formal educational credential No formal educational credential High school diploma or equivalent No formal educational credential High school diploma or equivalent No formal educational credential No formal educational credential No formal educational credential	Less than 5 years None None None None None None None None	Moderate-term on-the-job training Moderate-term on-the-job training Long-term on-the-job training Short-term on-the-job training Short-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training	3 5 5 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	4 5 5 5 4 3 3 3 3 3 3 6 3 3 3 3 3 3 3 3 3 3 3 3	6 6 6 4 3 3 3 4 3 4 3 4 3 3 3 3 3 3 3 3	6 6 5 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3	5 5 5 5 5 4 3 3 4 3 4 3 4 3 4 3 3 3 3 3	6 6 6 4 4 3 3 4 4 4 4 3 4 3 4 3 4 3 4 4 4 4
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B B A C n/a n/a n/a A C C C C n/a C+ n/a C+ B B C+	NEXT NOW NEXT NOW NEXT NOW NEXT NEXT NEXT NEXT NEXT NOW NOW NEXT NEXT NOW	53-2012 Commercial Pilots 53-2021 Air Traffic Controllers 53-2022 Airfield Operations Specialists 53-3031 Driver/Sales Workers 53-3032 Heavy and Tractor-Trailer Truck Drivers 53-3033 Light Truck or Delivery Services Drivers 53-3052 Bus Drivers, Transit and Intercity 53-3058 Passenger Vehicle Drivers, Except Bus Drivers, Transit and Intercity 53-3099 Motor Vehicle Operators, All Other 53-4011 Locomotive Engineers 53-4012 Railroad Brake, Signal, and Switch Operators and Locomotive Firers 53-402 Railroad Conductors and Yardmasters 53-4031 Railroad Conductors and Yardmasters 53-409 Rail Transportation Workers, All Other 53-6021 Parking Lot Attendants 53-6031 Automotive and Watercraft Service Attendants 53-6041 Traffic Technicians 53-6051 Transportation Inspectors 53-6061 Transportation Attendants, Except Flight Attendants 53-6098 Aircraft Service Attendants and Transportation Workers, All Other 53-7011 Conveyor Operators and Tenders 53-7021 Crane and Tower Operators 53-7031 Dredge Operators 53-7051 Industrial Truck and Tractor Operators 53-7061 Cleaners of Vehicles and Equipment 53-7062 Laborers and Freight, Stock, and Material Movers, Hand 53-7064 Packers and Packagers, Hand 53-7065 Stockers and Order Fillers	n/a n/a n/a n/a n/a 854 1,507 808 n/a 612 n/a	n/a n/a n/a n/a n/a 872 1,513 919 n/a 740 n/a	n/a 128 n/a	n/a n/a n/a n/a 2.1% 0.4% 13.7% n/a 20.9% n/a	n/a n/a n/a n/a n/a (\$22,453 \$35,779 \$25,611 n/a \$20,079 n/a	n/a n/a n/a n/a s28,755 \$ \$45,439 \$ \$43,622 \$ n/a \$30,062 \$ n/a	n/a n/a n/a n/a n/a n/a 25,034 43,252 42,777 n/a 26,065 n/a	n/a n/a n/a n/a s30,807 \$56,850 \$59,629 n/a \$37,842 n/a	n/a n/a n/a n/a n/a 35 62 35 n/a	n/a n/a n/a n/a 58 102 59 n/a 34 n/a	n/a n/a n/a n/a n/a 2 1 11 n/a 13 n/a	n/a n/a n/a 95 165 105 n/a 91 n/a	Bachelor's degree High school diploma or equivalent Associate degree High school diploma or equivalent High school diploma or equivalent Postsecondary non-degree award High school diploma or equivalent High school diploma or equivalent No formal educational credential No formal educational credential High school diploma or equivalent No formal educational credential No formal educational credential No formal educational credential High school diploma or equivalent No formal educational credential High school diploma or equivalent No formal educational credential	Less than 5 years None None None None None None None None	Moderate-term on-the-job training Moderate-term on-the-job training Long-term on-the-job training Short-term on-the-job training Short-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training	3 5 5 4 3 3 3 3 3 3 3 6 3 3 3 3 3 3 3 3 3 3 3	4 5 5 5 4 3 3 3 3 3 3 6 3 3 3 5 3 3 3 3 3 3 3 3 3	6 6 6 4 3 3 3 4 3 4 3 4 3 3 3 3 3 3 3 3	6 6 5 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3	5 5 5 5 5 4 3 3 4 3 4 3 4 3 3 3 3 3 3 3	6 6 6 4 3 3 4 4 4 4 3 4 3 4 3 4 3 4 3 4
B B A C n/a n/a n/a A C C C C n/a C+ B B C+ C+	NEXT NOW NEXT NOW NEXT NOW NEXT NEXT NEXT NEXT NOW NOW NEXT NOW NOW NOW NOW NOW NOW NOW NOW NOW NOW	53-2021 Commercial Pilots 53-2021 Air Traffic Controllers 53-2022 Airfield Operations Specialists 53-3031 Driver/Sales Workers 53-3032 Heavy and Tractor-Trailer Truck Drivers 53-3033 Light Truck or Delivery Services Drivers 53-3052 Bus Drivers, Transit and Intercity 53-3058 Passenger Vehicle Drivers, Except Bus Drivers, Transit and Intercity 53-3099 Motor Vehicle Operators, All Other 53-4011 Locomotive Engineers 53-4012 Railroad Brake, Signal, and Switch Operators and Locomotive Firers 53-4018 Railroad Conductors and Yardmasters 53-409 Rail Transportation Workers, All Other 53-6021 Parking Lot Attendants 53-6031 Automotive and Watercraft Service Attendants 53-6041 Traffic Technicians 53-6051 Transportation Inspectors 53-6051 Transportation Attendants, Except Flight Attendants 53-6098 Aircraft Service Attendants and Transportation Workers, All Other 53-7011 Conveyor Operators and Tenders 53-7021 Crane and Tower Operators 53-7031 Dredge Operators 53-7051 Industrial Truck and Tractor Operators 53-7061 Cleaners of Vehicles and Equipment 53-7062 Laborers and Freight, Stock, and Material Movers, Hand 53-7065 Stockers and Order Fillers 53-7071 Gas Compressor and Gas Pumping Station Operators	n/a n/a n/a n/a 854 1,507 808 n/a 612 n/a	n/a n/a n/a n/a 872 1,513 919 n/a 740 n/a	n/a 128 n/a	n/a n/a n/a n/a 2.1% 0.4% 13.7% n/a 20.9% n/a	n/a n/a n/a n/a (\$22,453 (\$35,779 (\$25,611 n/a (\$20,079 n/a	n/a n/a n/a n/a sysysysysysysysysysysysysysysysysysysy	n/a n/a n/a n/a n/a n/a 25,034 43,252 42,777 n/a 26,065 n/a	n/a n/a n/a n/a s30,807 \$56,850 \$59,629 n/a \$37,842 n/a	n/a n/a n/a n/a 35 62 35 n/a 44 n/a	n/a n/a n/a n/a 58 102 59 n/a 34 n/a	n/a n/a n/a n/a 2 1 11 n/a 13 n/a	n/a n/a n/a 95 165 105 n/a 91 n/a	Bachelor's degree High school diploma or equivalent Associate degree High school diploma or equivalent High school diploma or equivalent Postsecondary non-degree award High school diploma or equivalent High school diploma or equivalent No formal educational credential No formal educational credential High school diploma or equivalent No formal educational credential No formal educational credential No formal educational credential High school diploma or equivalent No formal educational credential High school diploma or equivalent No formal educational credential	Less than 5 years None None None None None None None None	Moderate-term on-the-job training Moderate-term on-the-job training Long-term on-the-job training Short-term on-the-job training Short-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training	3 5 5 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	4 5 5 5 4 3 3 3 3 3 3 6 3 3 3 5 3 3 3 3 3 3 3 3 3	6 6 6 4 3 3 3 4 3 4 3 3 3 3 3 3 3 3 3 3	6 6 5 3 4 3 4 3 6 4 3 4 3 4 3 3 3 3 3 3 4 3 4	5 5 5 5 5 4 3 3 4 3 4 3 4 3 3 3 3 3 3 3	6 6 6 4 3 3 4 4 4 4 3 4 3 4 3 4 3 4 4 4 3 4 4 3 4 4 4 3 4 4 4 3 4
B B A B A C n/a n/a A C C C C C + A C C C + B B C + C B C B C B C B C B C B	NEXT NOW NEXT NOW NEXT NOW NEXT NEXT NEXT NEXT NEXT NOW NOW NEXT NEXT NOW	53-2021 Commercial Pilots 53-2021 Air Traffic Controllers 53-2022 Airfield Operations Specialists 53-3031 Driver/Sales Workers 53-3032 Heavy and Tractor-Trailer Truck Drivers 53-3033 Light Truck or Delivery Services Drivers 53-3052 Bus Drivers, Transit and Intercity 53-3058 Passenger Vehicle Drivers, Except Bus Drivers, Transit and Intercity 53-3099 Motor Vehicle Operators, All Other 53-4011 Locomotive Engineers 53-4012 Railroad Brake, Signal, and Switch Operators and Locomotive Firers 53-4021 Railroad Conductors and Yardmasters 53-4099 Rail Transportation Workers, All Other 53-6021 Parking Lot Attendants 53-6031 Automotive and Watercraft Service Attendants 53-6041 Traffic Technicians 53-6051 Transportation Inspectors 53-6051 Transportation Attendants, Except Flight Attendants 53-6098 Aircraft Service Attendants and Transportation Workers, All Other 53-7011 Conveyor Operators and Tenders 53-7021 Crane and Tower Operators 53-7031 Dredge Operators 53-7051 Industrial Truck and Tractor Operators 53-7062 Laborers and Freight, Stock, and Material Movers, Hand 53-7063 Machine Feeders and Offbearers 53-7064 Packers and Packagers, Hand 53-7065 Stockers and Order Fillers 53-7071 Gas Compressor and Gas Pumping Station Operators 53-7071 Refuse and Recyclable Material Collectors	n/a n/a n/a n/a n/a 854 1,507 808 n/a 612 n/a	n/a n/a n/a n/a n/a 872 1,513 919 n/a 740 n/a	n/a 128 n/a	n/a n/a n/a n/a 2.1% 0.4% 13.7% n/a 20.9% n/a	n/a n/a n/a n/a n/a \$22,453 \$35,779 \$25,611 n/a \$20,079 n/a	n/a n/a n/a n/a n/a s28,755 \$ \$45,439 \$ \$43,622 \$ n/a \$30,062 \$ n/a	n/a n/a n/a n/a n/a n/a 25,034 43,252 42,777 n/a 26,065 n/a	n/a n/a n/a n/a n/a s30,807 \$56,850 \$59,629 n/a \$37,842 n/a	n/a n/a n/a n/a n/a 35 62 35 n/a	n/a n/a n/a n/a 58 102 59 n/a 34 n/a	n/a n/a n/a n/a n/a 2 1 11 n/a 13 n/a	n/a n/a n/a 95 165 105 n/a 91 n/a	Bachelor's degree High school diploma or equivalent Associate degree High school diploma or equivalent High school diploma or equivalent Postsecondary non-degree award High school diploma or equivalent No formal educational credential No formal educational credential High school diploma or equivalent No formal educational credential No formal educational credential No formal educational credential High school diploma or equivalent No formal educational credential High school diploma or equivalent No formal educational credential High school diploma or equivalent	Less than 5 years None None None None None None None None	Moderate-term on-the-job training Moderate-term on-the-job training Long-term on-the-job training Short-term on-the-job training Short-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training	3 5 5 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	4 5 5 5 4 3 3 3 3 3 3 6 3 3 3 5 3 3 3 3 3 3 3 3 3	6 6 6 4 3 3 3 4 3 4 3 3 3 3 3 3 3 3 3 3	6 6 5 3 4 3 4 3 6 4 3 4 3 3 3 3 3 3 4 3 4 3 4	5 5 5 5 5 5 4 3 3 4 3 4 3 4 3 3 3 3 3 3	6 6 6 4 4 3 3 4 4 4 4 3 4 3 4 3 4 4 4 3 4 3
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Notes

- 1. n/a = Data suppressed due to confidentiality or lack of statistically significant data.
- 2. Net Employment Change (Column G) is the difference in the number of jobs between the base and projected years.
- 3. Percent employment change (Column H) indicates how fast employment is expected to increase or decrease during the projection period.
- 4. Annual Exit Openings (Column M) are an estimate of the annual number of jobs that will arise from the need to replace workers who have left the workforce entirely.
- 5. Annual Transfer Openings (Column N) are an estimate of the annual number of jobs that will arise from the need to replace workers who have transferred to a different occupation
- 6. Annual Growth Openings (Column O) are the annual numeric change in employment.
- 7. Annual Total Openings (Column P) are the sum of exit, transfer, and growth openings.

Occupation Grade

The occupation grades, or "career grades", are based on a combination of total job openings, percent growth, and the average wages of an occupation. Occupations with the letter grade "A+" have the best outlook, while occupations with the letter grade "F" have the worst outlook. Grades in each region are determined by comparing only the occupations within that region.

STEM

Refers to Science, Technology, Engineering, and Math occupations. "Core" occupations are those that strictly use STEM skills. "Related" occupations are those that use related STEM skills.

N_N_L: "Now, Next, Later"

Now: Typically requires short-term on-the-job training, little to no experience, and/or a high school diploma

Next: Typically requires non-degree certificate, associate's degree, apprenticeship, some experience, or moderate- to long-term training

Later: Typically requires a bachelor's degree or higher

ACT WorkKeys Assessments

ACT WorkKeys® assessments measure foundational skills required for success in the workplace, and help measure the workplace skills that can affect job performance. Scores are provided for three different categories: Applied Math, Workplace Documents, and Graphic Literacy. Each assessment offers varying levels of difficulty. The levels build on each other, incorporating the skills assessed at the previous levels. For example, at Level 5, individuals need the skills from Levels 3, 4, and 5. The minimum and median score required for each occupation is shown, if available. For more information about WorkKeys skills, please visit the following website:

https://www.act.org/content/act/en/products-and-services/workkeys-for-employers/assessments.html